

**CITY OF NAPLES
PURCHASING DIVISION
CITY HALL, 735 8TH STREET SOUTH
NAPLES, FLORIDA 34102
PH: 239-213-7100 FX: 239-213-7105**

ADDENDUM NUMBER 2

NOTIFICATION DATE:	BID TITLE:	BID NUMBER:	BID OPENING DATE & TIME:
07/30/18	Parking Garage Maintenance	18-064	08/03/2018 2:00PM

**THE FOLLOWING INFORMATION IS HEREBY INCORPORATED INTO,
AND MADE AN OFFICIAL PART OF THE ABOVE REFERENCED BID.**

The following answer to written submitted question:

1. We would like to know if there is a set of drawings for this building?

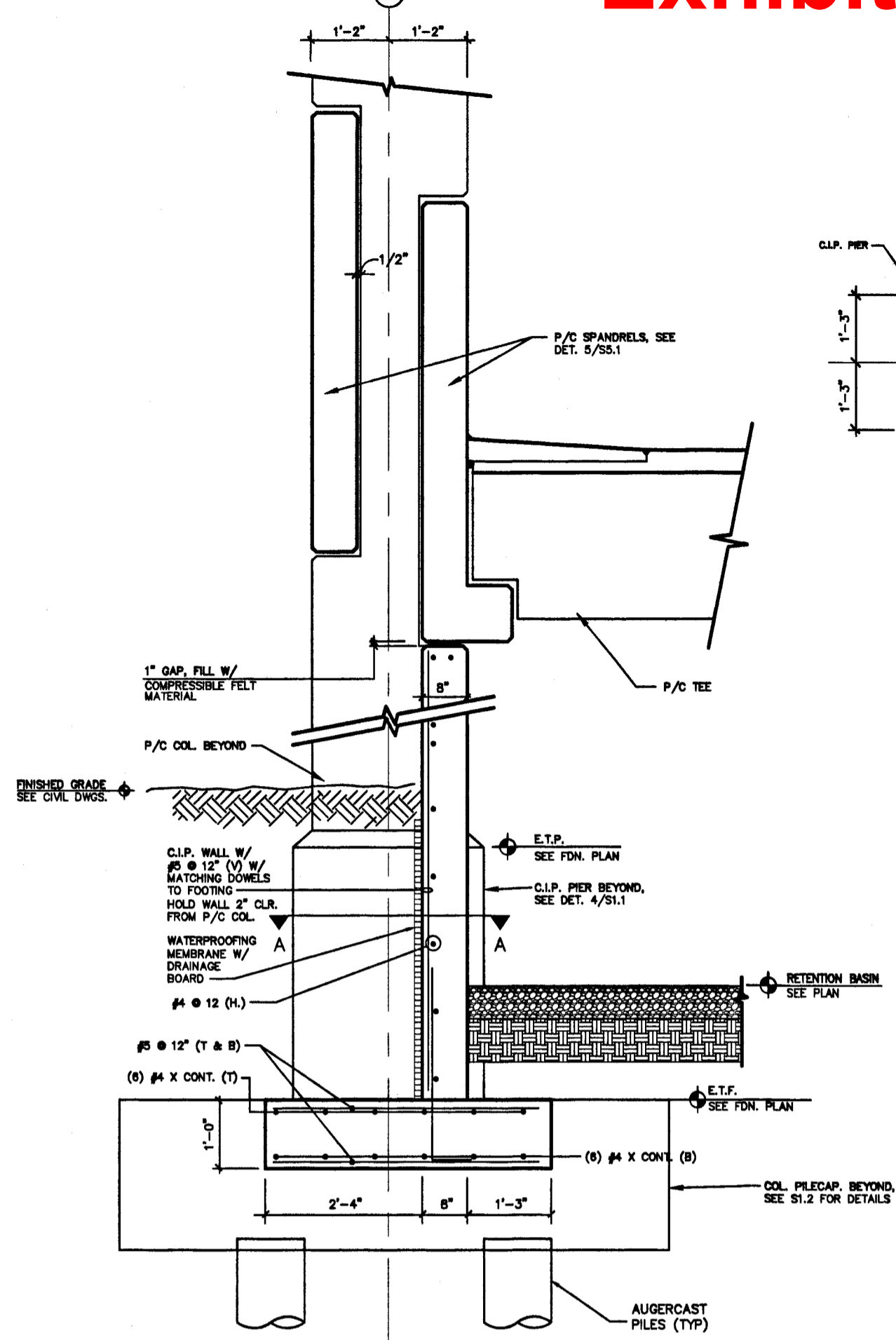
ANSWER: Please refer to the below Exhibit A. This information is provided for reference use only. Prospective contractors are responsible for taking their own measurements.

Exhibit A - 801 6TH AVE S PLANS

IMPORTANT MESSAGE

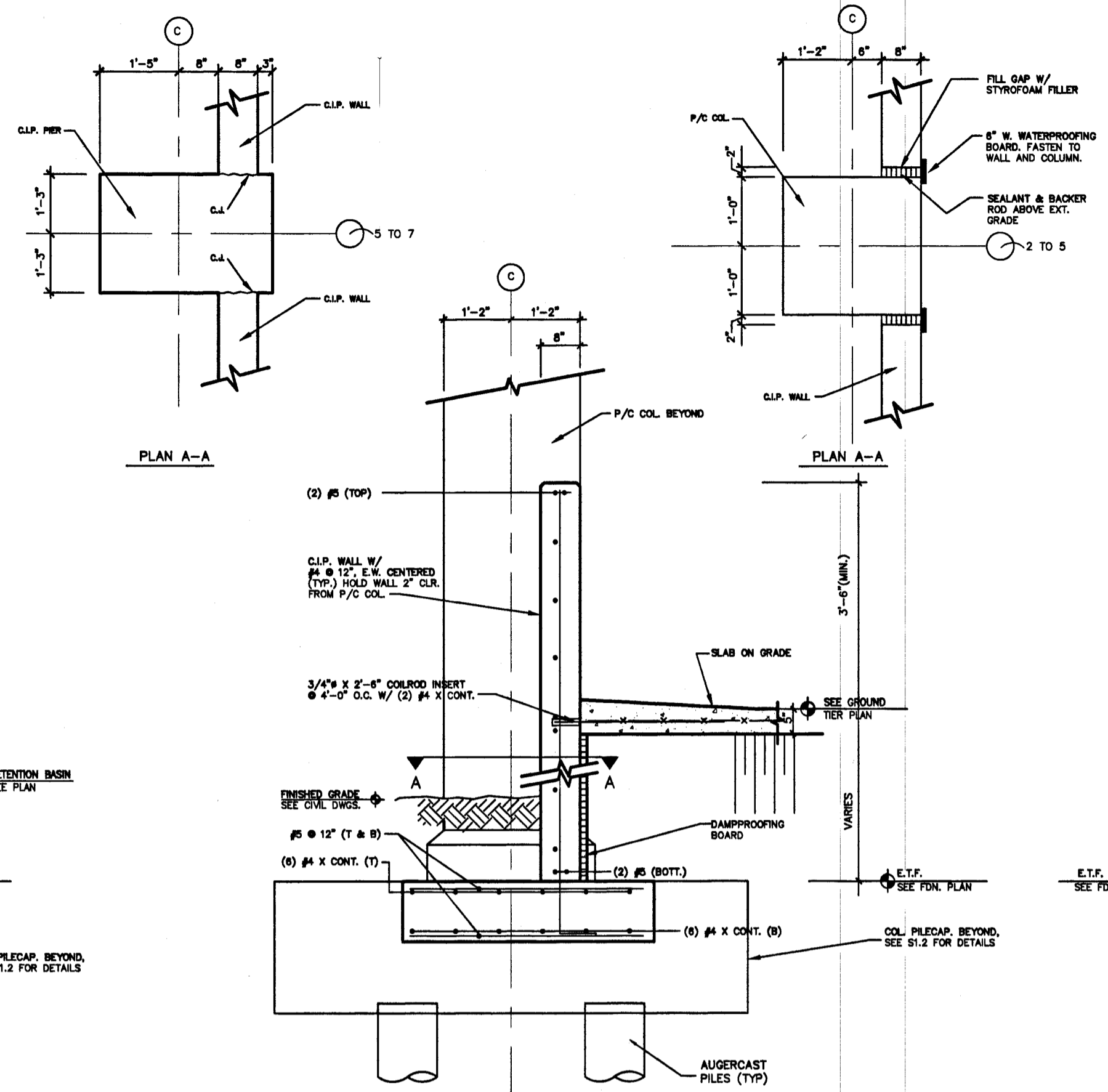
PLEASE ACKNOWLEDGE RECEIPT OF THIS ADDENDUM ON THE BID COVER SHEET.

Exhibit A 801 6TH AVE S PLANS BP



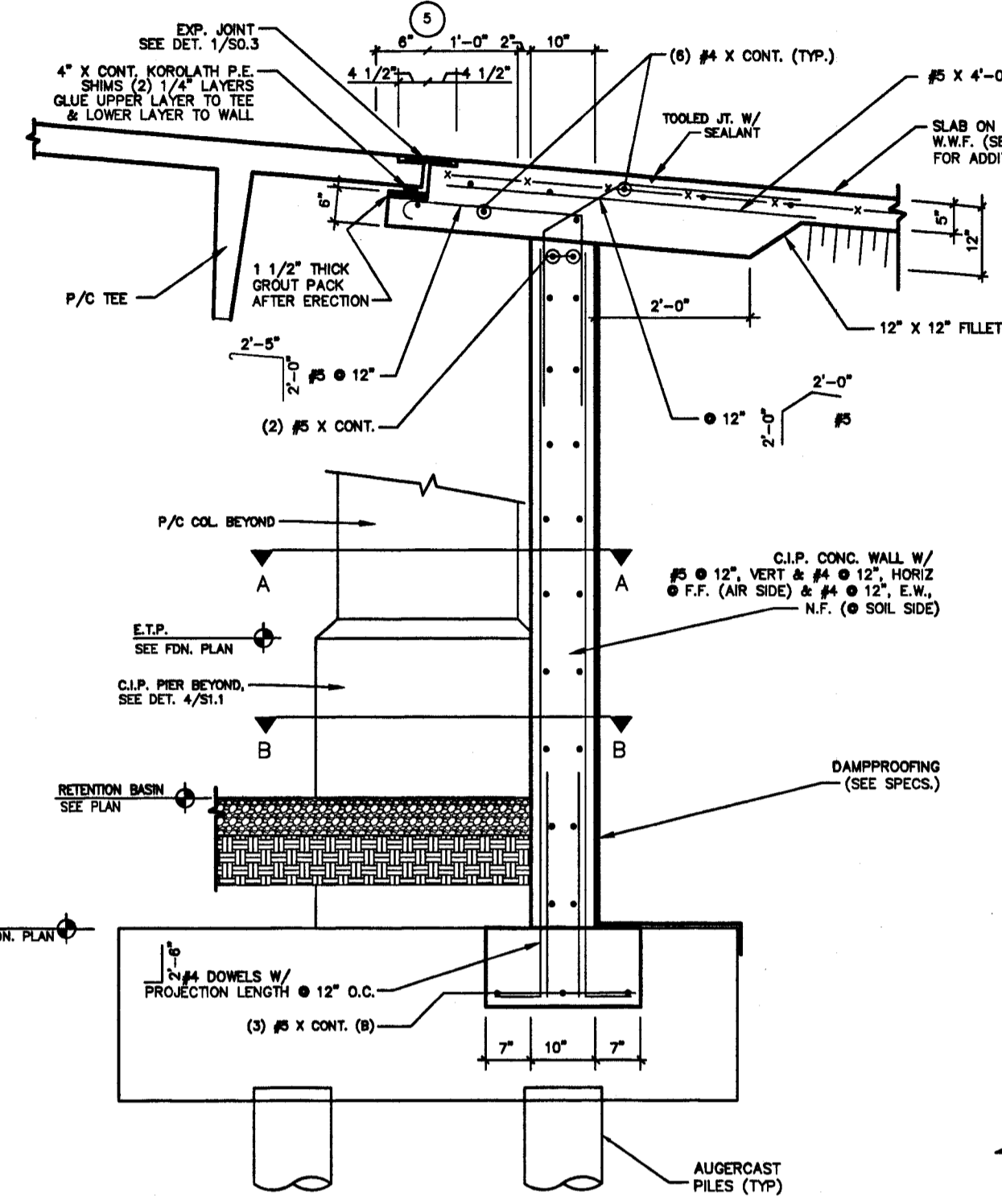
1 EXTERIOR WALL SECTION AT RETENTION BASIN
S2.1 SCALE: N.T.S.

NOTE: 1. SEE DET. 3/S2.1 FOR P/C COLUMN / CLIP WALL DETAIL.
2. EXTEND HORIZ. REINF. OF FTG. & VERT. REINF. OF WALL INTO ADJACENT COL. FTG. AS REQ'D.



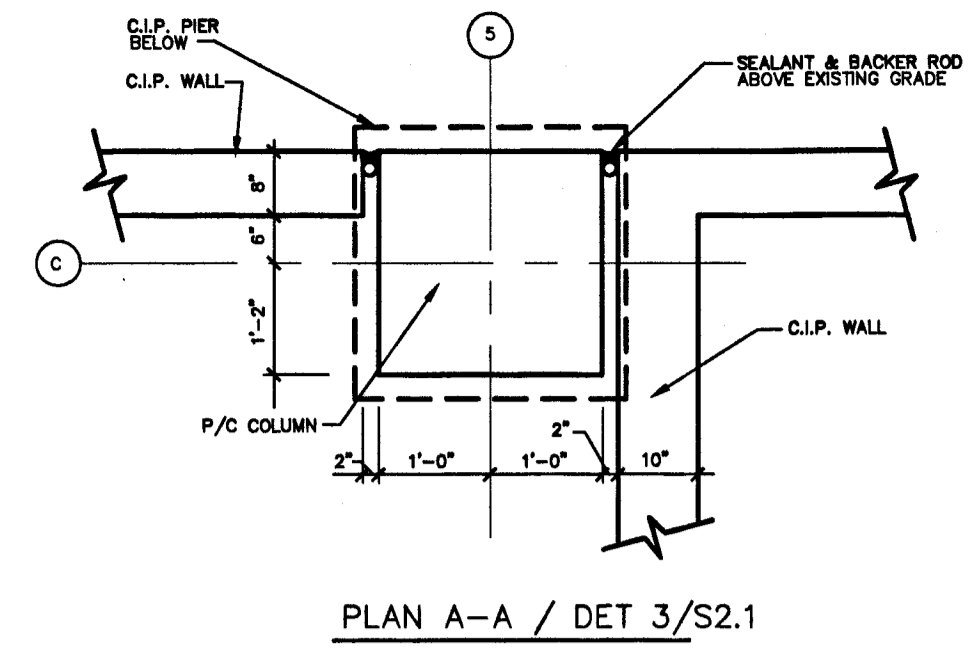
2 EXTERIOR WALL DETAIL
S2.1 SCALE: N.T.S.

NOTE: 1. EXTEND VERT. & HORIZ. WALL REINF. INTO ADJACENT FTG. AS REQUIRED.

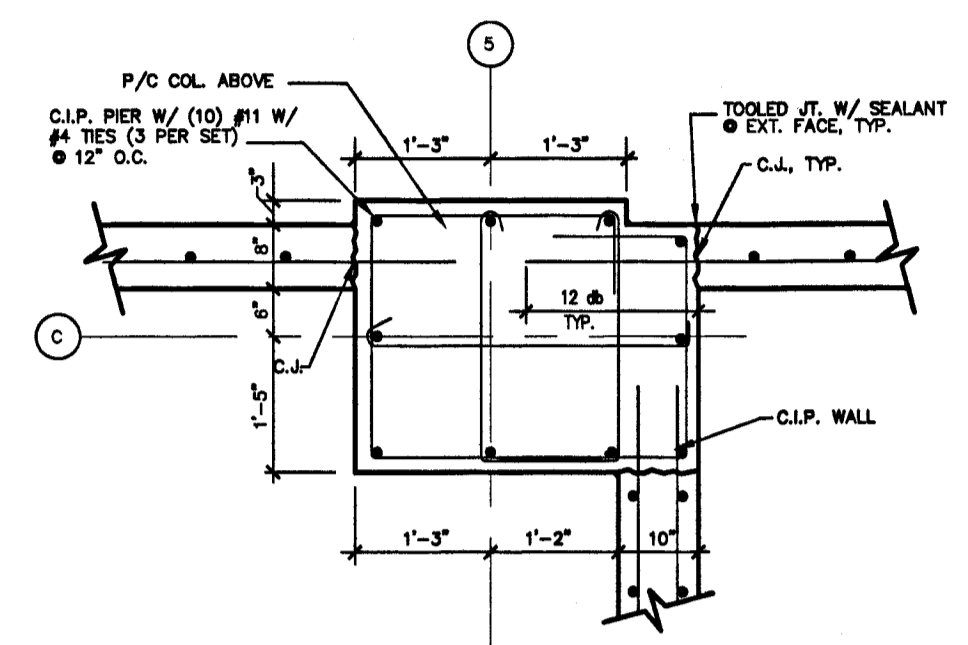


3 WALL/SLAB DETAIL
S2.1 SCALE: N.T.S.

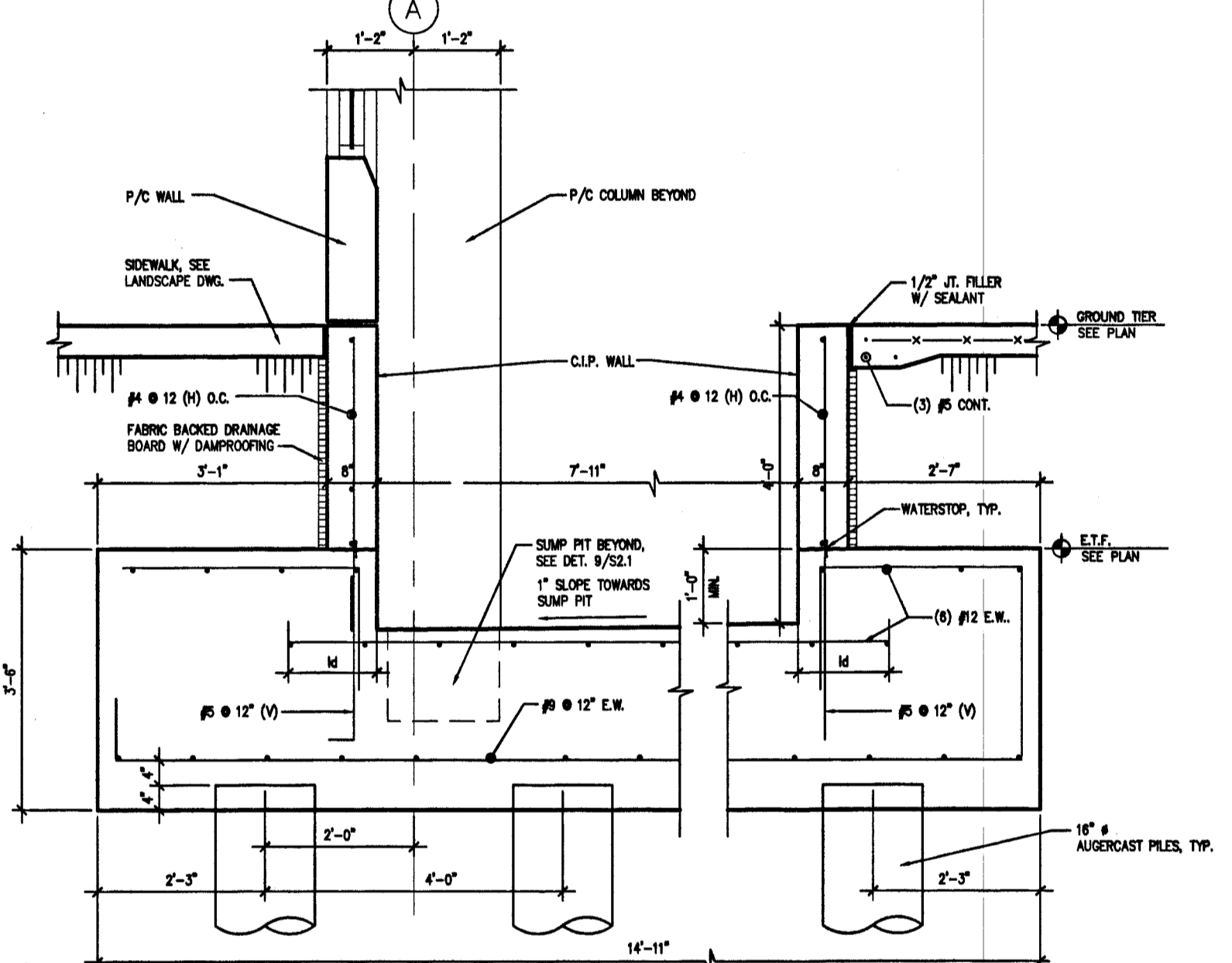
NOTE: 1. WALL IS DESIGNED AS A BASEMENT WALL SUPPORTED AT TOP BY SLAB AND AT BOTTOM BY FOOTING IN FINAL CONDITION.
2. WALL SHALL BE SHORED UNTIL UPPER SLAB IS POURED AND REACHES 7 DAY STRENGTH.
3. EXTEND VERT. REINF. IN WALL & HORIZ. REINF. IN FOOTING INTO ADJACENT COL. FTG. REQ'D.



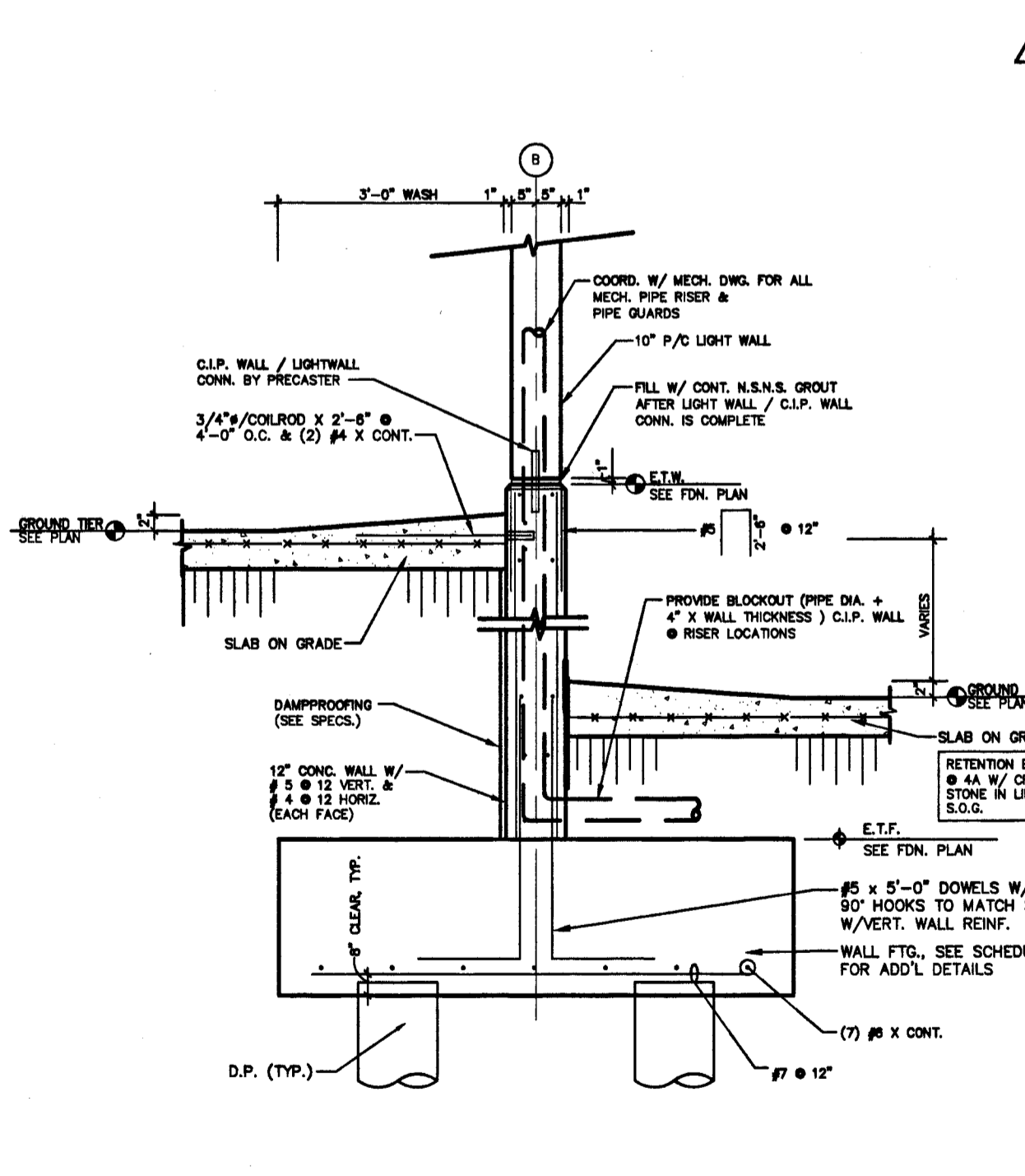
PLAN A-A / DET 3/S2.1



PLAN B-B / DET. 3/S2.1

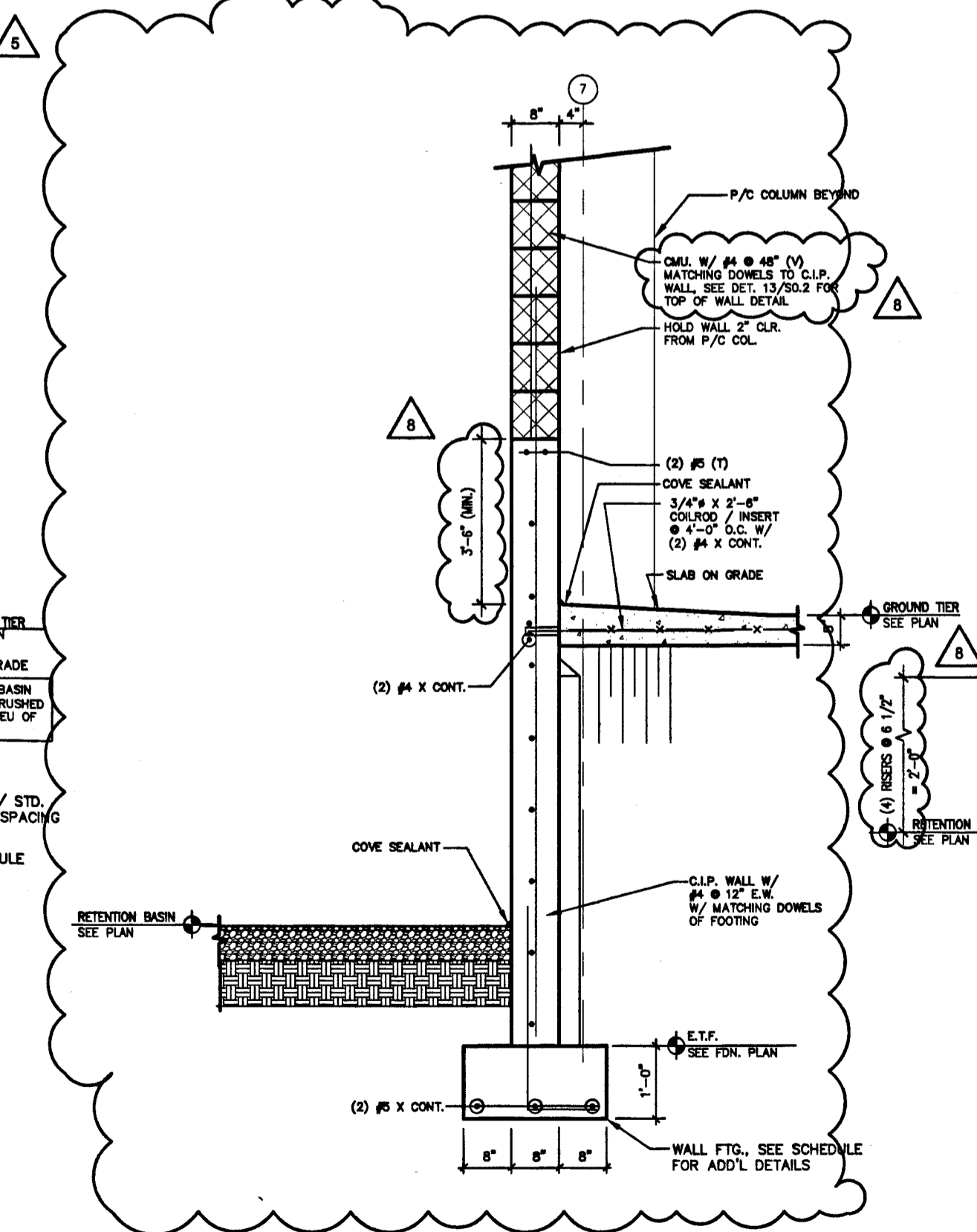


8 ELEVATOR PIT DETAIL
S2.1 SCALE: N.T.S.

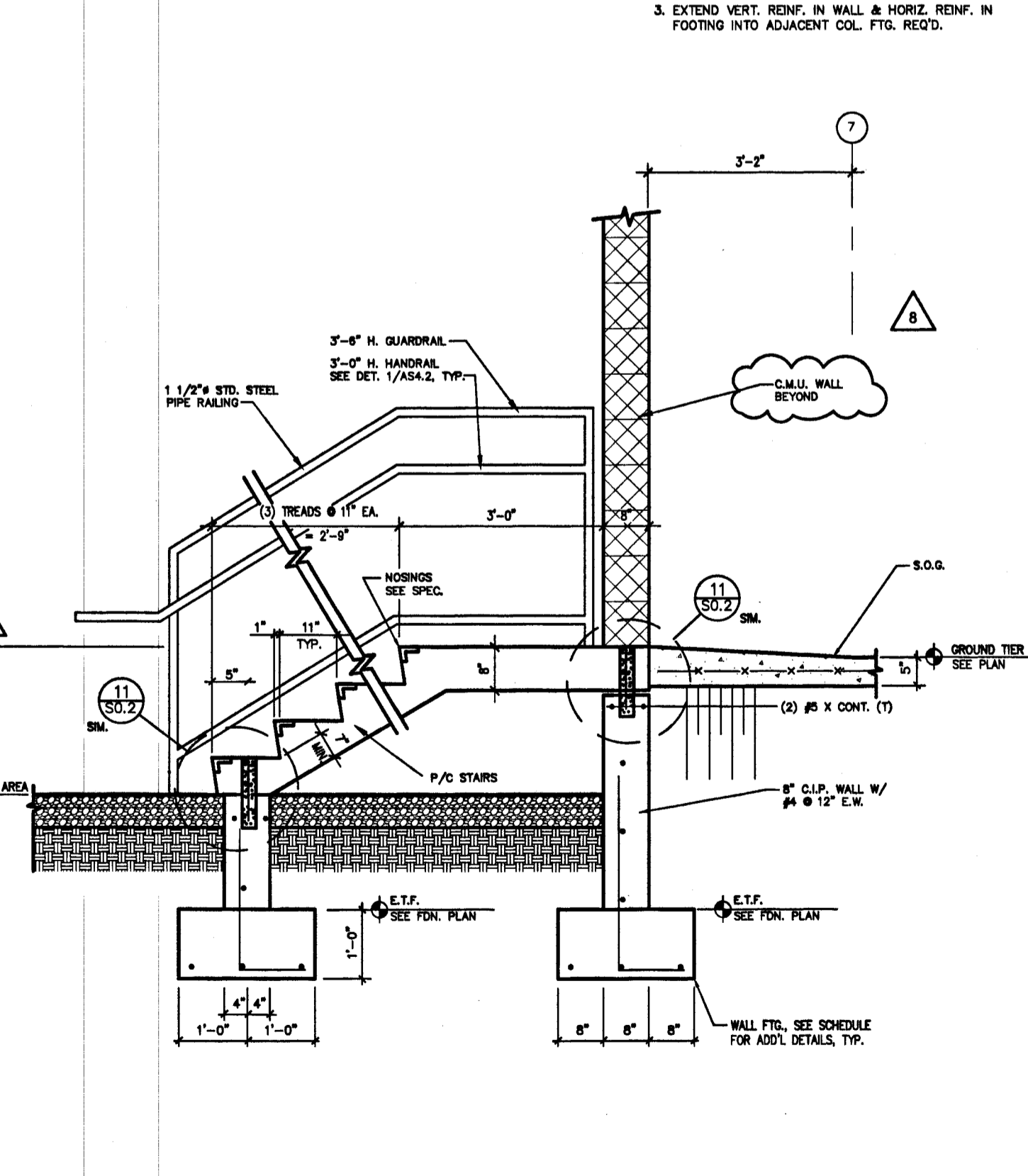


4 INTERIOR WALL DETAIL
S2.1 SCALE: N.T.S.

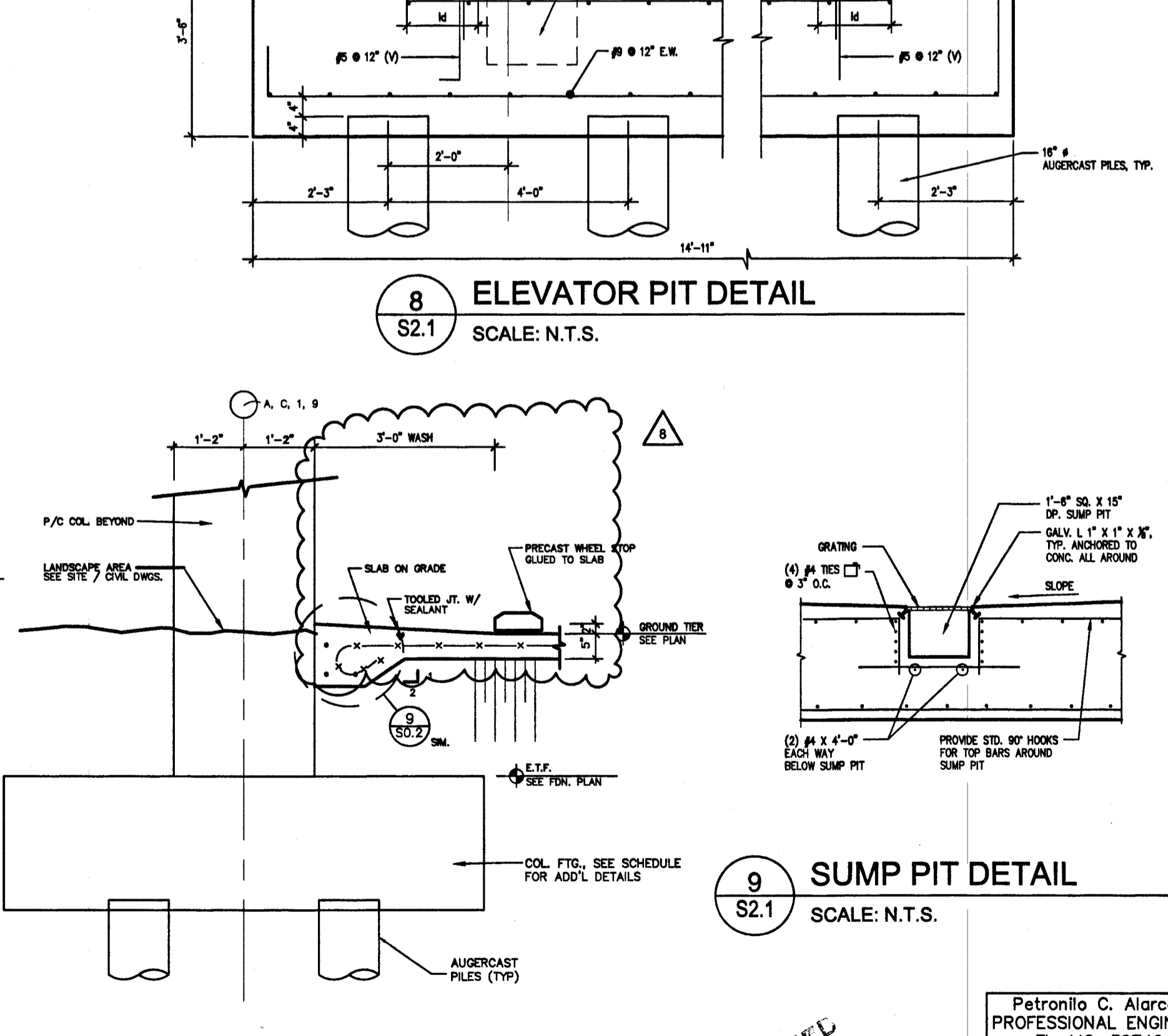
NOTE: 1. PROVIDE 3" GAP BET. COLUMN @ GRID 3 & 4 & CLIP WALL W/ 1/2" x 12" x WALL HT. WATERPROOFING BOARD FASTEN TO COLUMN.
2. CLIP WALL IS DESIGNED AS BASEMENT TYPE WALL SUPPORTED AT TOP AND BOTTOM IN FINAL CONDITION BY GRADE SLABS SHOWN. SHORE WALL UNTIL UPPER SLAB IS POURED AND REACHES 7 DAY STRENGTH.
3. EXTEND HORIZ. REINF. IN PILECAP INTO ADJACENT COL. PILECAP.



5 INTERIOR WALL DETAIL
S2.1 SCALE: N.T.S.



6 P/C STAIR DETAIL AT RETENTION BASIN
S2.1 SCALE: N.T.S.



7 EXTERIOR WALL DETAIL
S2.1 SCALE: N.T.S.

9 SUMP PIT DETAIL
S2.1 SCALE: N.T.S.

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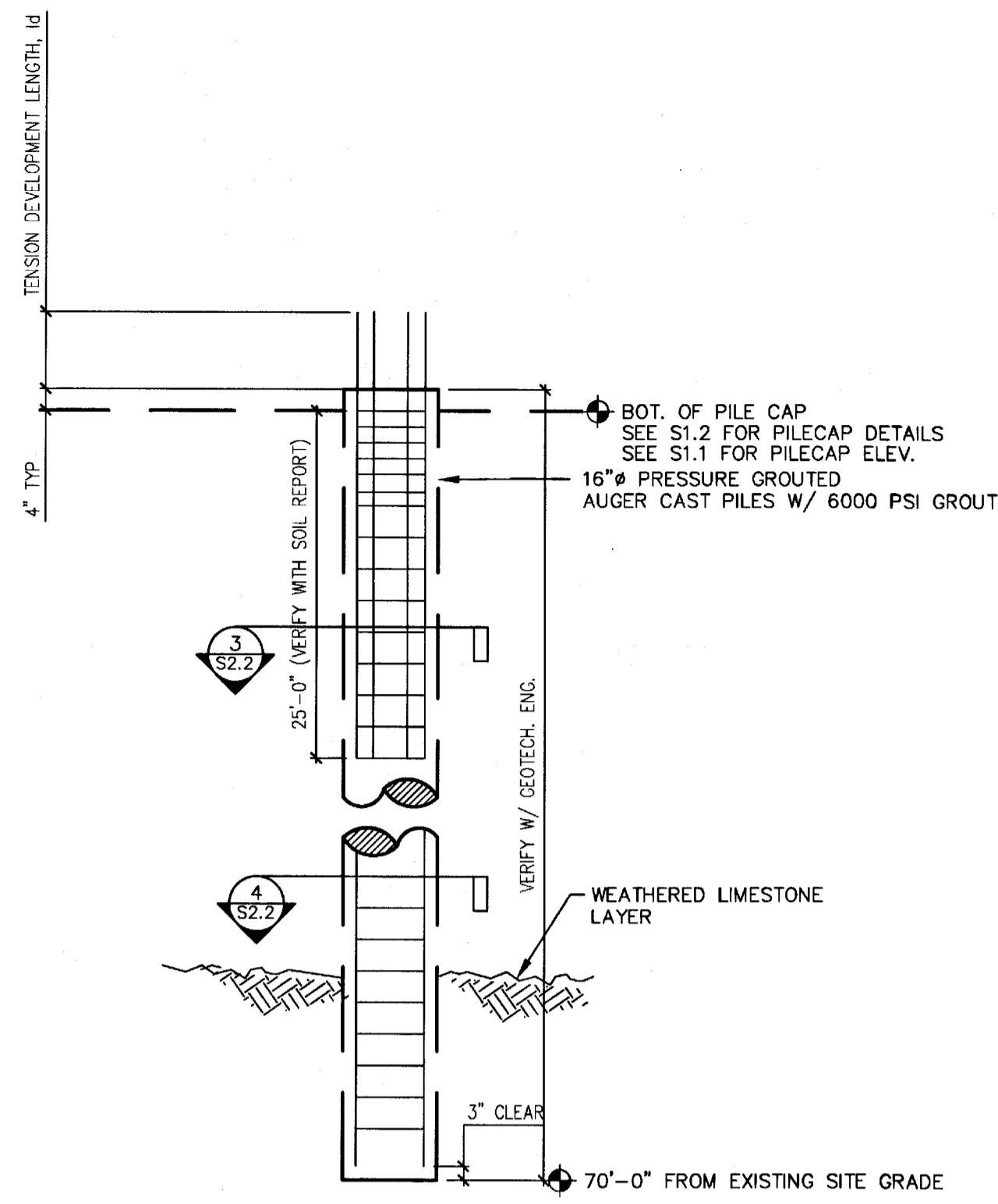
NAPLES PUBLIC PARKING FACILITY
6th Ave. So. & 8th St.
Naples Florida
3 4 1 0 2

FOUNDATION DETAILS
SCALE: AS SHOWN
DRAWN BY: RBN
PLOT DATE: -
ISSUED: 11/30/07
12/27/07
01/22/08
01/30/08
04/03/08

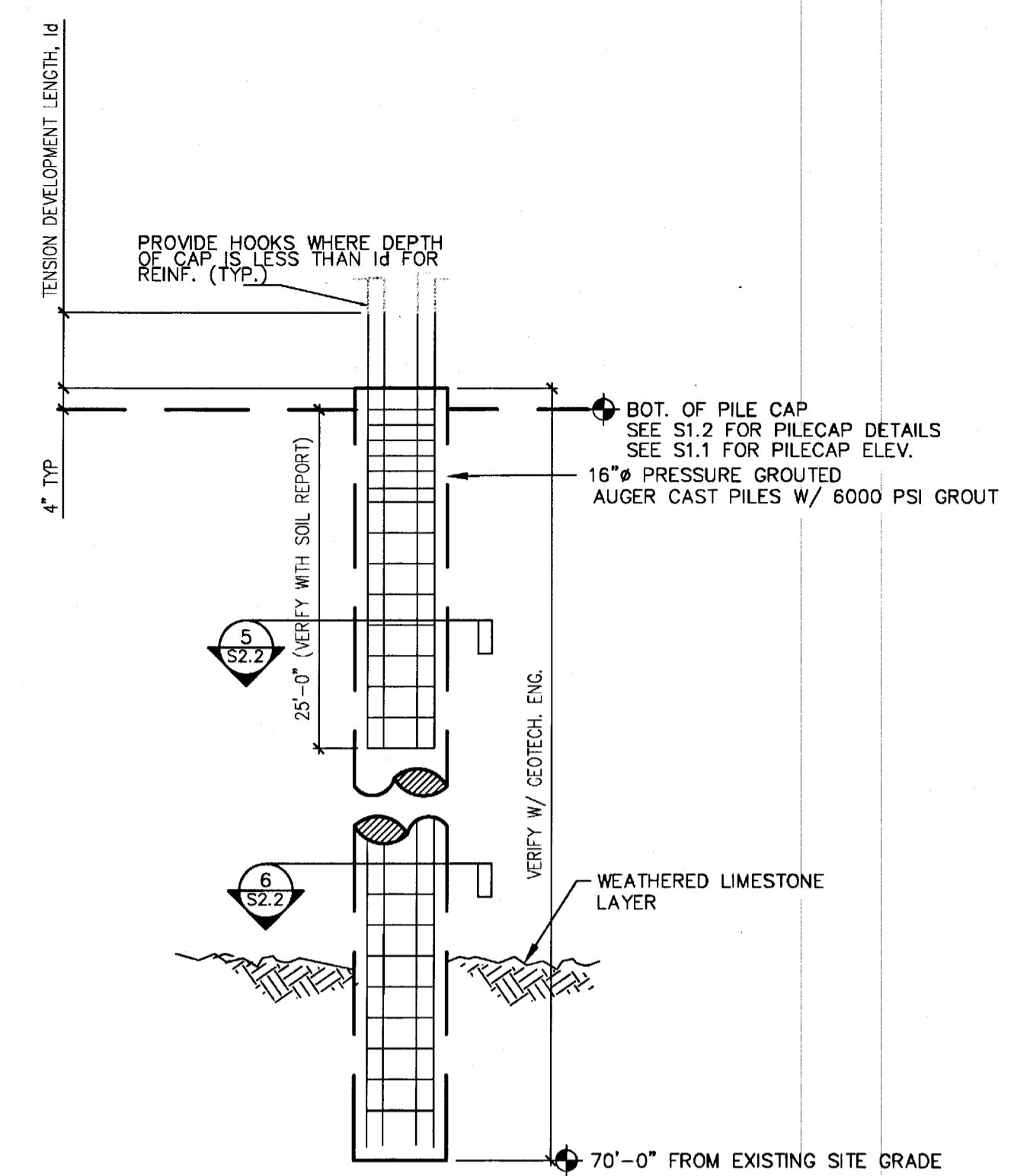
Patronia C. Alarcon
PROFESSIONAL ENGINEER
FL. LIC. 36740
S2.1
CONSTRUCTION & PERMIT SET

SCANNED
4/3 01 2011

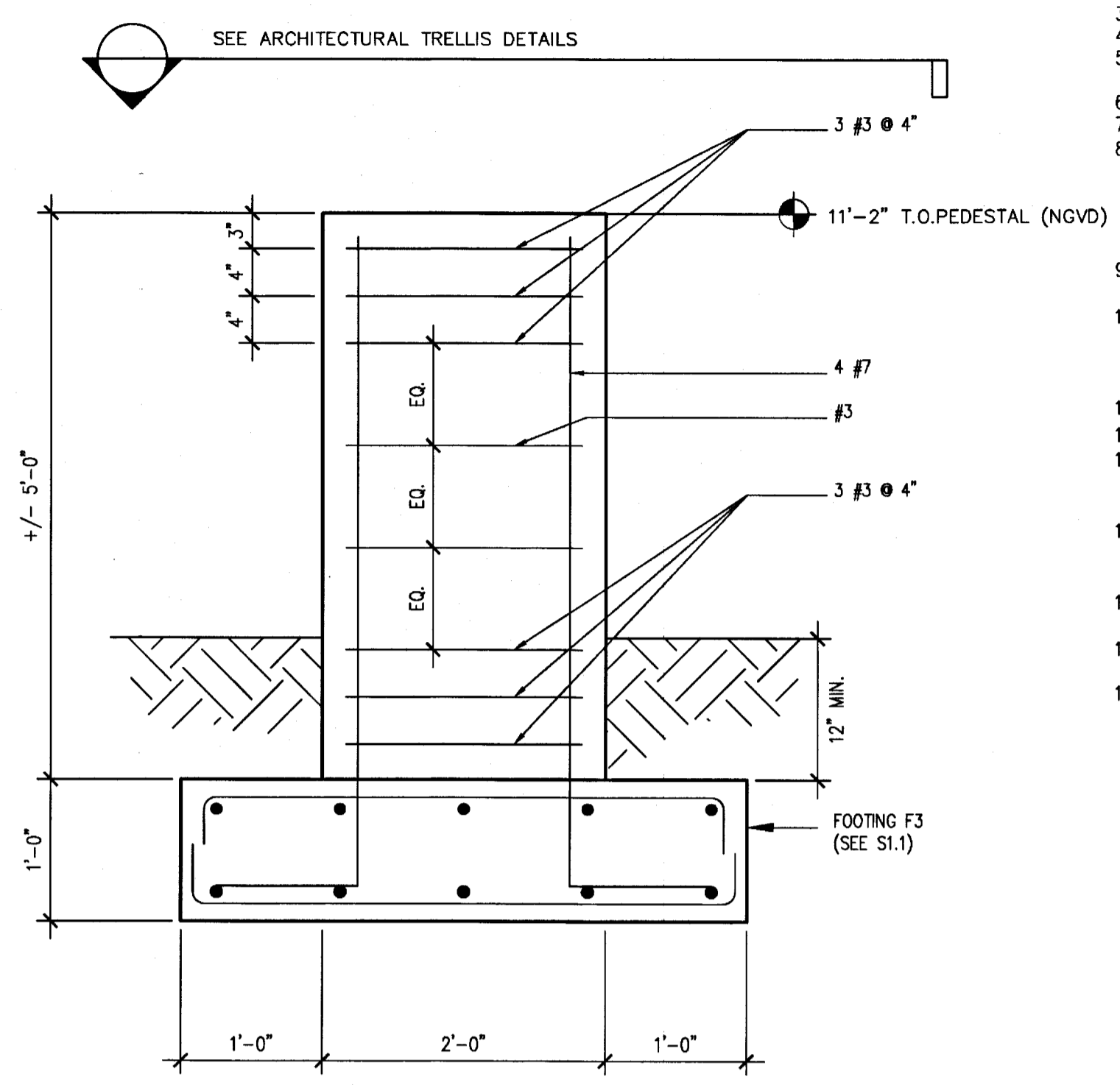
06/23/08



(SEE PLAN FOR LOCATION)



(SEE PLAN FOR LOCATION)

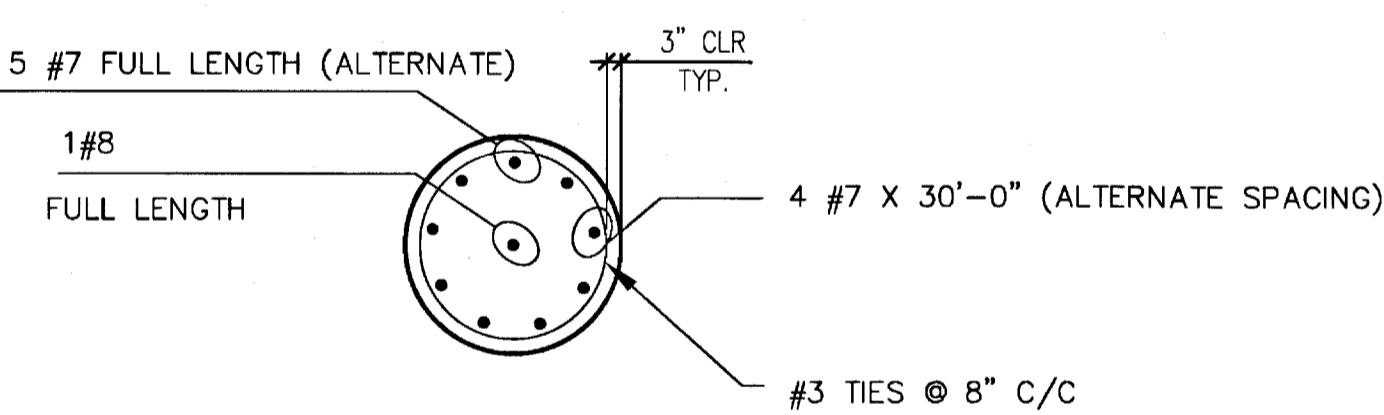


- SHEET NOTES:
- FOR GENERAL NOTES, SEE SHEET S0.1.
 - FOR TEE AND BEAM DETAILS, SEE SHEET S4.1.
 - FOR COLUMN DETAILS, SEE SHEETS S4.2 & S4.3.
 - REFER TO SHEETS S1.1, S1.2, S2.1 & S2.2 FOR FOUNDATION DETAILS.
 - REFER TO SHEETS S3.1 THRU S3.4 FOR FLOOR DRAIN LOCATIONS. COORDINATE WITH MECHANICAL DRAWINGS.
 - SEE CIVIL DRAWINGS FOR EXTERIOR GRADE ELEVATIONS.
 - REFER TO SHEETS AS1.1 THRU AS4.2 FOR STAIRWELL PLANS, SECTIONS AND DETAILS.
 - 5" SLAB-ON-GRADE SHALL BE REINFORCED WITH 6 x 6 - W2.9 x W2.9 WWF AT MID-DEPTH. PROVIDE A 6" GRANULAR SUB-BASE COURSE OF SAND AND GRAVEL OR SCREENED CRUSHED STONE OVER COMPACTED SUBGRADE. COMPACT SUBGRADE TO MEET AT LEAST 98% OF MODIFIED MAXIMUM DENSITY. DETERMINED BY ASTM D-1557 TEST, METHOD C.
 - PROVIDE 1/2" JOINT FILLER & SEALANT @ INTERSECTION OF P/C COLUMNS AND S.O.G. AND WHERE SHOWN.
 - THE EXTENT OF SURFACES TO RECEIVE BITUMINOUS (LIQUID) DAMPPROOFING ARE AS FOLLOWS:
 - INTERIOR C.I.P. (AND P/C) WALLS BETWEEN EARTH AND AIR.
 - EXTERIOR WALL SURFACES WHERE EXTERIOR GRADE ELEVATIONS ARE ABOVE INTERIOR GRADE ELEVATIONS.
 - FOR UNDERGROUND UTILITIES, SEE MECHANICAL AND CIVIL DRAWINGS.
 - FOR FLOOR ELEVATIONS BETWEEN POINTS, USE STRAIGHT LINE INTERPOLATION.
 - IF C.I.P. WALLS ARE BACKFILLED BEFORE THE ERECTION OF P/C COLUMNS AND WALLS, CONTRACTOR TO PROVIDE ACCESS TO COLUMN ANCHOR BOLTS AND P/C WALL / FDN. (OR C.I.P. WALL) CONN.
 - ELEVATIONS SHOWN ON THESE PLANS REPRESENT ELEVATIONS AT TOP OF SLAB-ON-GRADE AT THE COLUMN CENTERLINE, U.N.O. WITH AN ELEVATION TARGET SYMBOL. (THIS DOES NOT INCLUDE THE HEIGHT OF WASH/CURB.) SEE DETAIL 1/SO.2 FOR INFORMATION.
 - PROVIDE 1-HOUR FIRE-RATED ENCLOSURE IN STORAGE ROOMS OR ANY OTHER ROOMS AS INDICATED ON THE DRAWINGS.
 - PROVIDE SLABS SLOPED TO F.D. (MIN. 1/8" PER FOOT) IN ROOMS AND AS SHOWN ON PLANS. COORD. WITH MECHANICAL DRAWINGS.
 - BASE EL. REPRESENTS THE BENCHMARK BY WHICH ACTUAL SPOT ELEVATIONS ARE CALCULATED BY ADDING/SUBTRACTING THE ELEV. SHOWN ON THE SPECIFIC LOCATION.

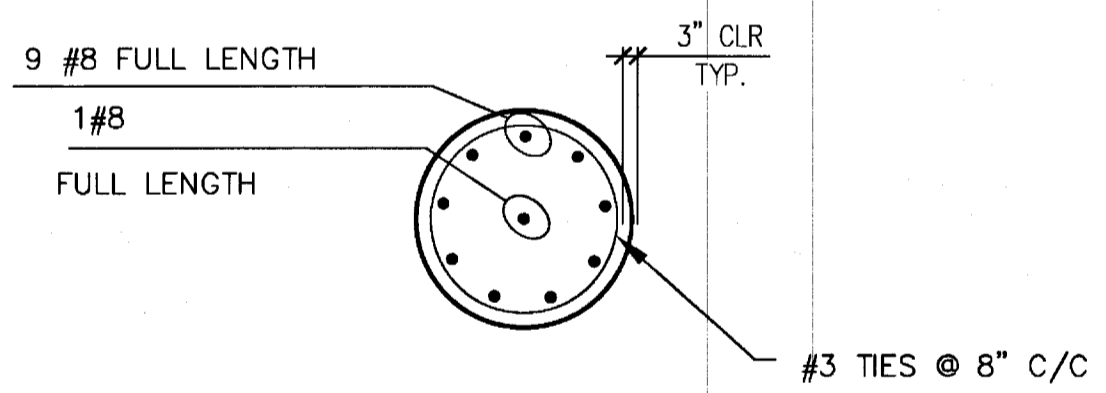
1 16" DIA. (130T) COMPRESSION AUGER CAST PILE
S2.2 SCALE: 1/16" = 1'-0"

2 16" DIA. (130T COMP/65T TENS) TENSION AUGER PILE
S2.2 SCALE: 1/16" = 1'-0"

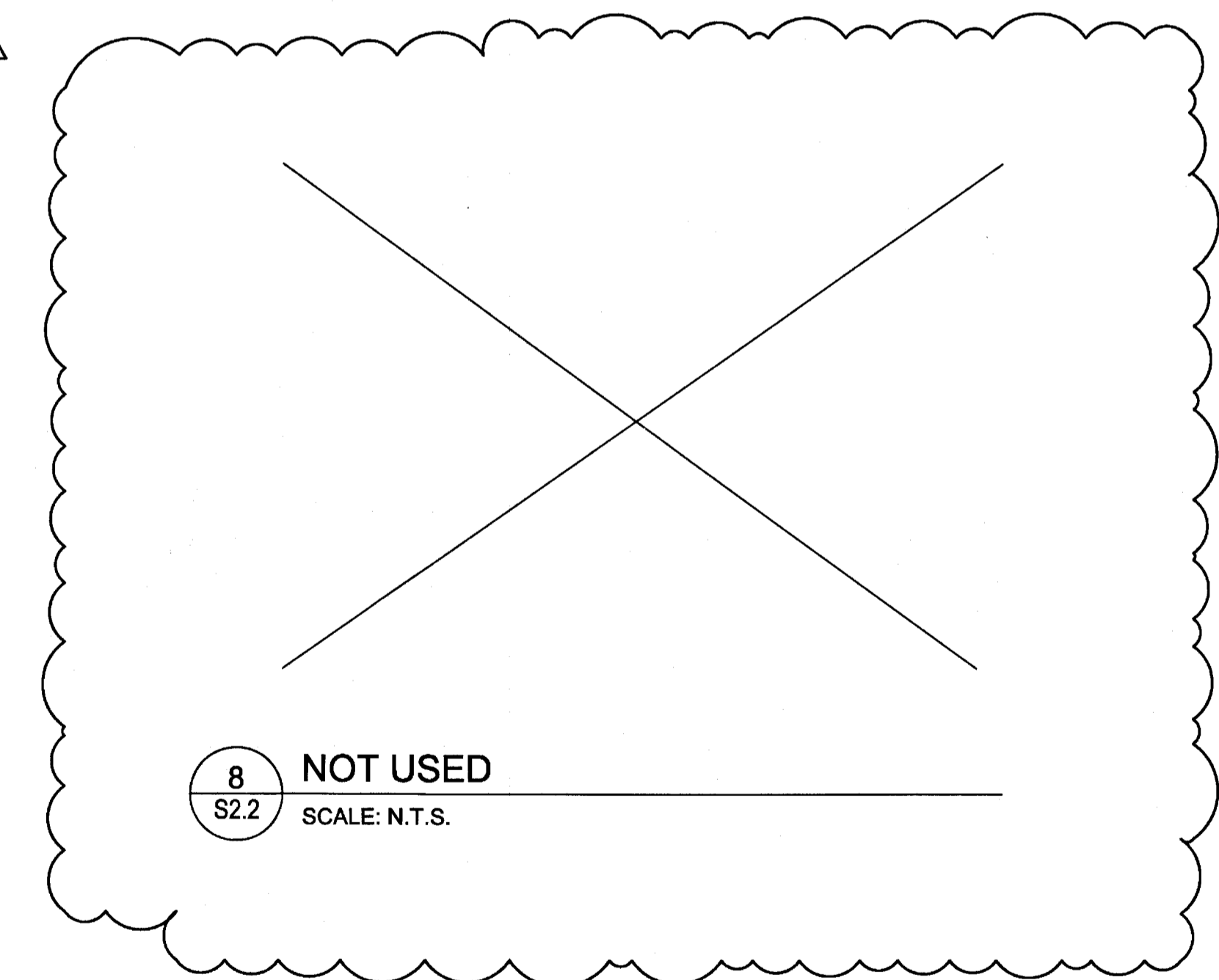
7 TRELIS FOOTING WITH PEDESTAL
S2.2 SCALE: 1" = 1'-0"



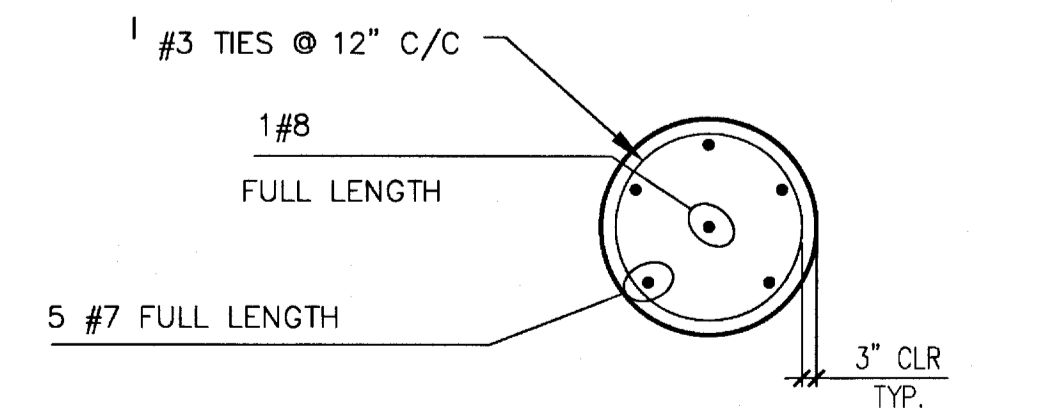
3 16" AUGER CAST PILE SECTION
S2.2 SCALE: 1/4" = 1'-0"



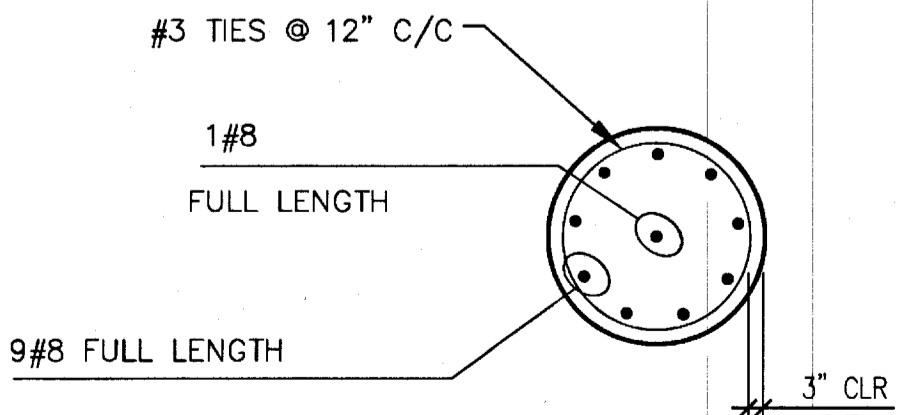
5 16" AUGER CAST PILE SECTION
S2.2 SCALE: 1/4" = 1'-0"



8 NOT USED
S2.2 SCALE: N.T.S.



4 16" AUGER CAST PILE SECTION
S2.2 SCALE: 1/4" = 1'-0"



6 16" AUGER CAST PILE SECTION
S2.2 SCALE: 1/4" = 1'-0"

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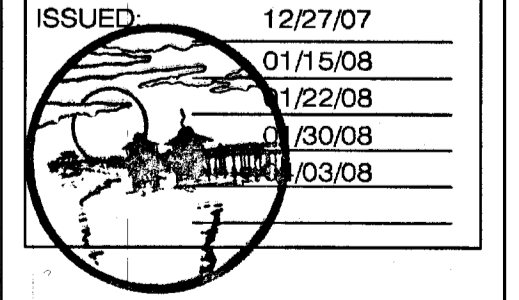
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8	CONSTR/PERMIT	20 JUNE 2008

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**FOUNDATION
DETAILS**

SCALE: AS SHOWN
DRAWN BY: RBN
PLOT DATE: -
ISSUED: 12/27/07
01/15/08
/22/08
/30/08
/03/08

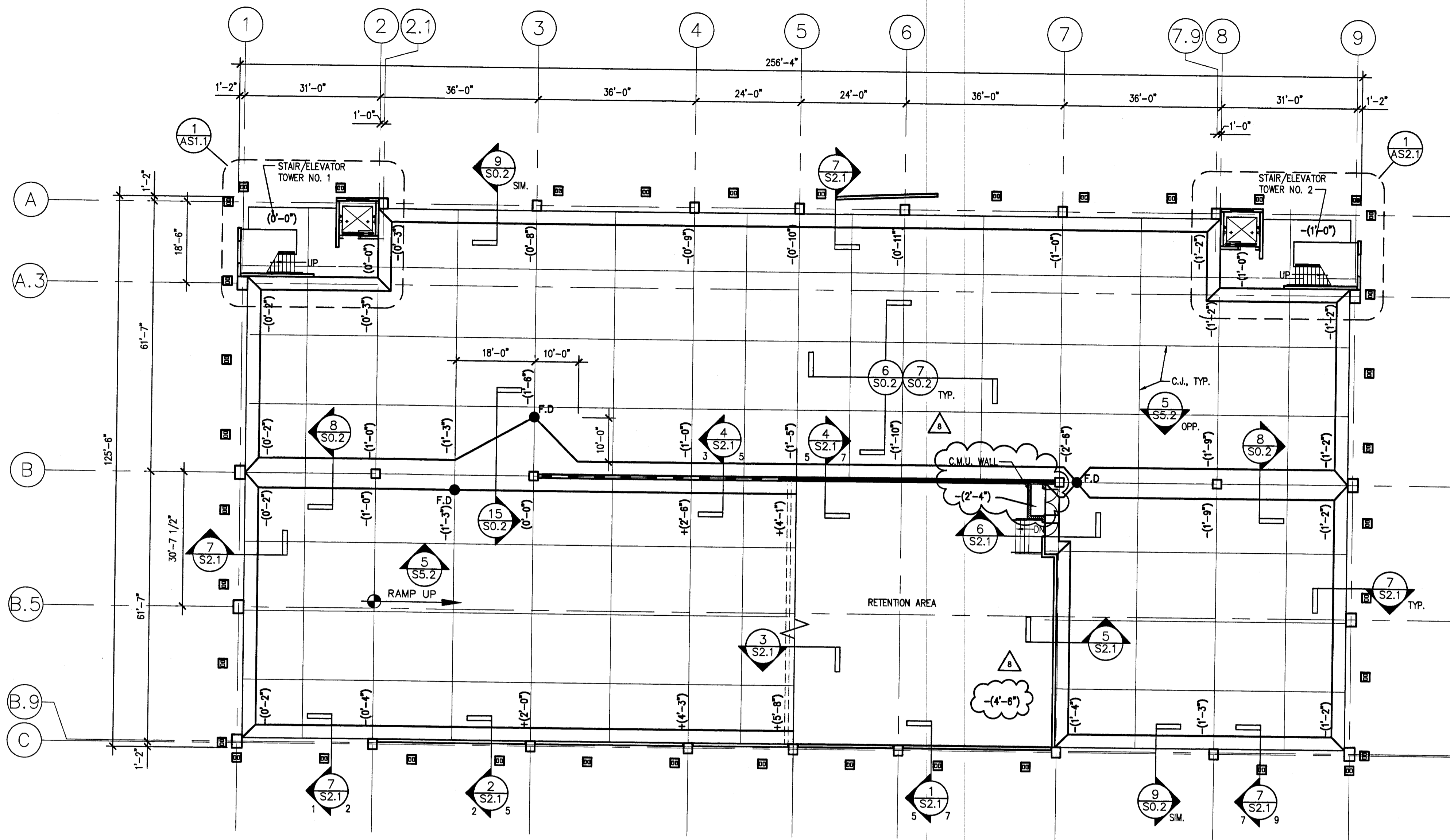


S2.2

CONSTRUCTION &
PERMIT SET

SEALMED
AUG 01 2011

Petronilo C. Alarcon
PROFESSIONAL ENGINEER
FL. LIC. 36740
[Signature]
08/20/08

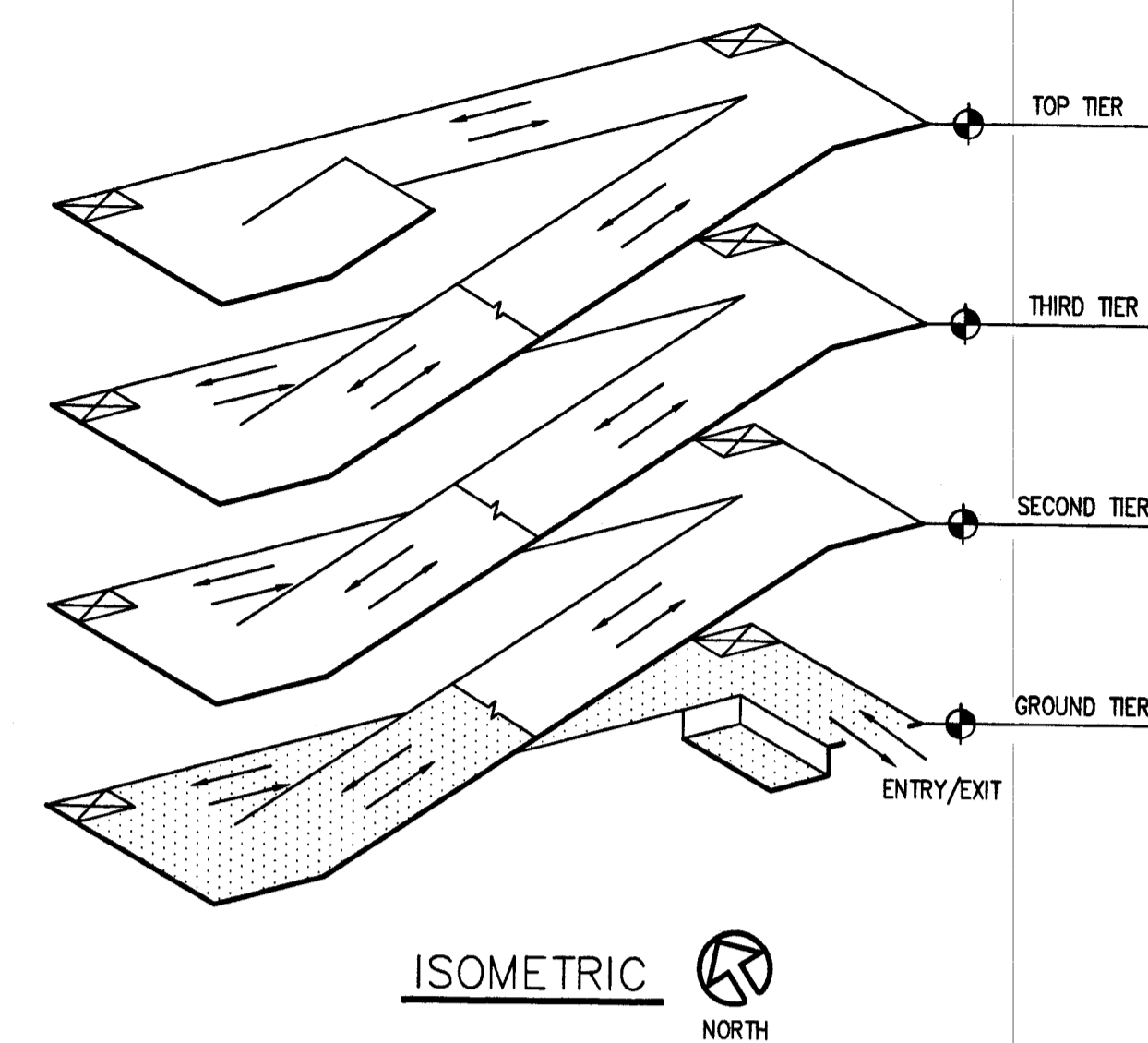


1
S3.1 **GROUND TIER STRUCTURAL PLAN**
SCALE: 1/16" = 1'-0"



BASE ELEVATION 6'-6"

THE CONTRACTOR SHALL BE RESPONSIBLE TO ASSURE A MINIMUM OF 8'-2" HEADROOM CLEARANCE BETWEEN ALL DRIVING SURFACES AND OVERHEAD STRUCTURE THROUGHOUT GROUND TIER PRIOR TO POURING CONCRETE SLAB-ON-GRADE.



ISOMETRIC
NORTH

SHEET NOTES:

1. FOR GENERAL NOTES, SEE SHEET S0.1.
2. FOR TEE AND BEAM DETAILS, SEE SHEET S4.1.
3. FOR COLUMN DETAILS, SEE SHEETS S4.2 & S4.3.
4. REFER TO SHEETS S1.1, S1.2, S2.1 & S2.2 FOR FOUNDATION DETAILS.
5. REFER TO SHEETS S3.1 THRU S3.4 FOR FLOOR DRAIN LOCATIONS. COORDINATE WITH MECHANICAL DRAWINGS.
6. SEE CIVIL DRAWINGS FOR EXTERIOR GRADE ELEVATIONS.
7. REFER TO SHEETS S4.1 THRU S4.4 FOR STAIR/ELEVATOR PLANS, SECTIONS AND DETAILS.
8. 5" SLAB-ON-GRADE SHALL BE REINFORCED WITH 6 x 6 - W2.9 x W2.9 WWF AT MID-DEPTH IN ADDITION TO 1 1/2 lb FIBROUS REINFORCEMENT. PROVIDE A 6" GRANULAR SUB-BASE COURSE OF SAND AND GRAVEL OR SCREENED CRUSHED STONE OVER COMPACTED SUBGRADE. COMPACT SUBGRADE TO MEET AT LEAST 98% OF MODIFIED MAXIMUM DENSITY. DETERMINED BY ASTM D-1557 TEST, METHOD C.
9. PROVIDE 1/2" JOINT FILLER & SEALANT @ INTERSECTION OF P/C COLUMNS AND S.O.G. AND WHERE SHOWN.
10. THE EXTENT OF SURFACES TO RECEIVE BITUMINOUS (LIQUID) DAMPPROOFING ARE AS FOLLOWS:
A. INTERIOR C.I.P. (AND P/C) WALLS BETWEEN EARTH AND AIR.
B. EXTERIOR WALL SURFACES WHERE EXTERIOR GRADE ELEVATIONS ARE ABOVE INTERIOR GRADE ELEVATIONS.
11. FOR UNDERGROUND UTILITIES, SEE MECHANICAL AND CIVIL DRAWINGS.
12. FOR FLOOR ELEVATIONS BETWEEN POINTS, USE STRAIGHT LINE INTERPOLATION.
13. IF C.I.P. WALLS ARE BACKFILLED BEFORE THE ERECTION OF P/C COLUMNS AND WALLS, CONTRACTOR TO PROVIDE ACCESS TO COLUMN ANCHOR BOLTS AND P/C WALL / FDN. (OR C.I.P. WALL) CONN.
14. ELEVATIONS SHOWN ON THESE PLANS REPRESENT ELEVATIONS AT TOP OF SLAB-ON-GRADE AT THE COLUMN CENTERLINE, U.N.O. WITH AN ELEVATION TARGET SYMBOL. (THIS DOES NOT INCLUDE THE HEIGHT OF WASH/CURB). SEE DETAIL 1/SO.2 FOR INFORMATION.
15. PROVIDE 1-HOUR FIRE-RATED ENCLOSURE IN STORAGE ROOMS OR ANY OTHER ROOMS AS INDICATED ON THE DRAWINGS.
16. PROVIDE SLABS SLOPED TO F.D. (MIN. 1/8" PER FOOT) IN ROOMS AND AS SHOWN ON PLANS. COORD. WITH MECHANICAL DRAWINGS.
17. BASE EL. REPRESENTS THE BENCHMARK BY WHICH ACTUAL SPOT ELEVATIONS ARE CALCULATED BY ADDING/SUBTRACTING THE ELEV. SHOWN ON THE SPECIFIC LOCATION.

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GROUND TIER STRUCTURAL PLAN

SCALE: NONE
DRAWN BY: RBN
PLOT DATE: -
ISSUED:

11/30/07
12/27/07
01/22/08
01/30/08
04/03/08

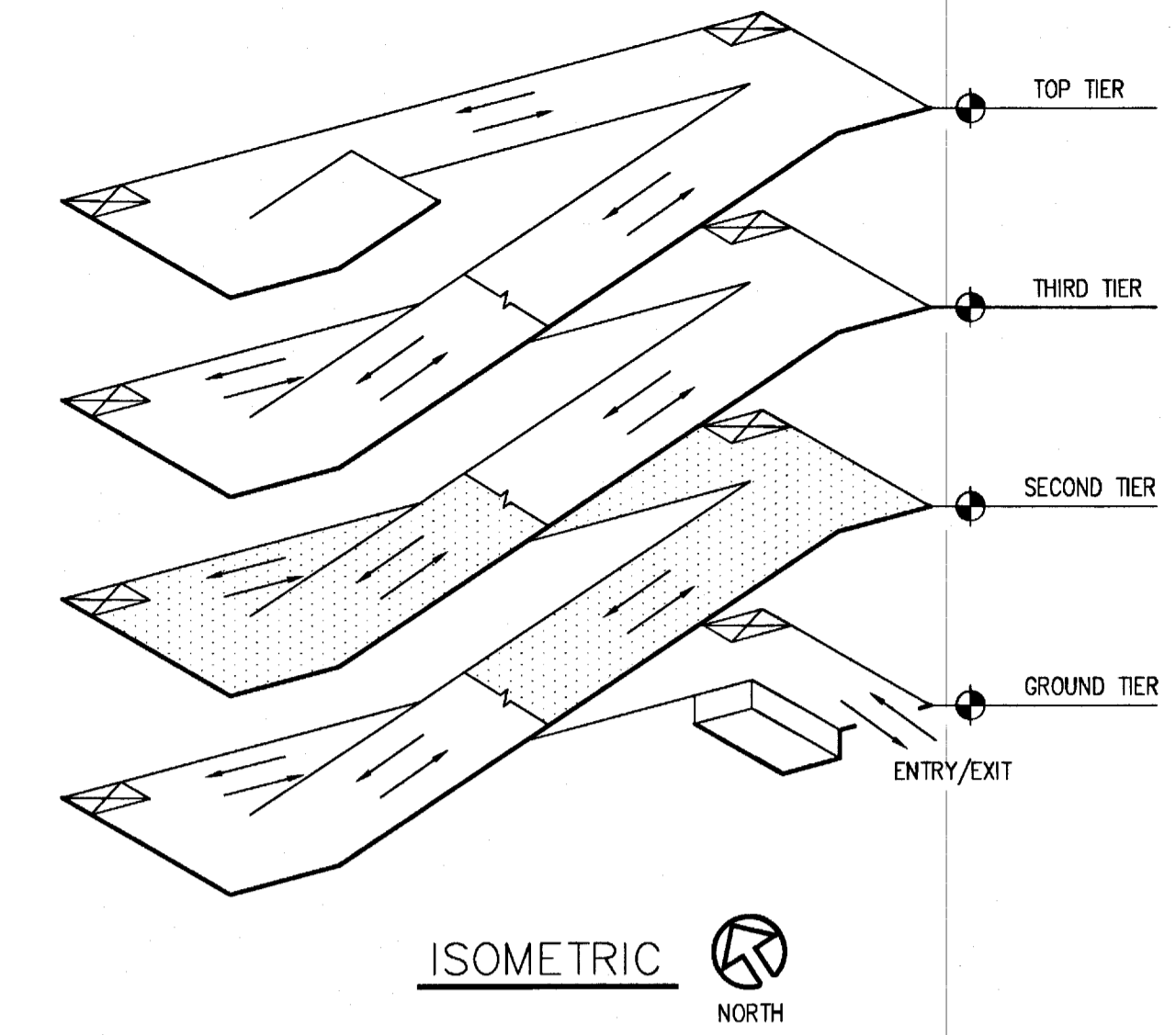
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PROFESSIONAL ENGINEER
FL. LIC. 36740

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06/23/08

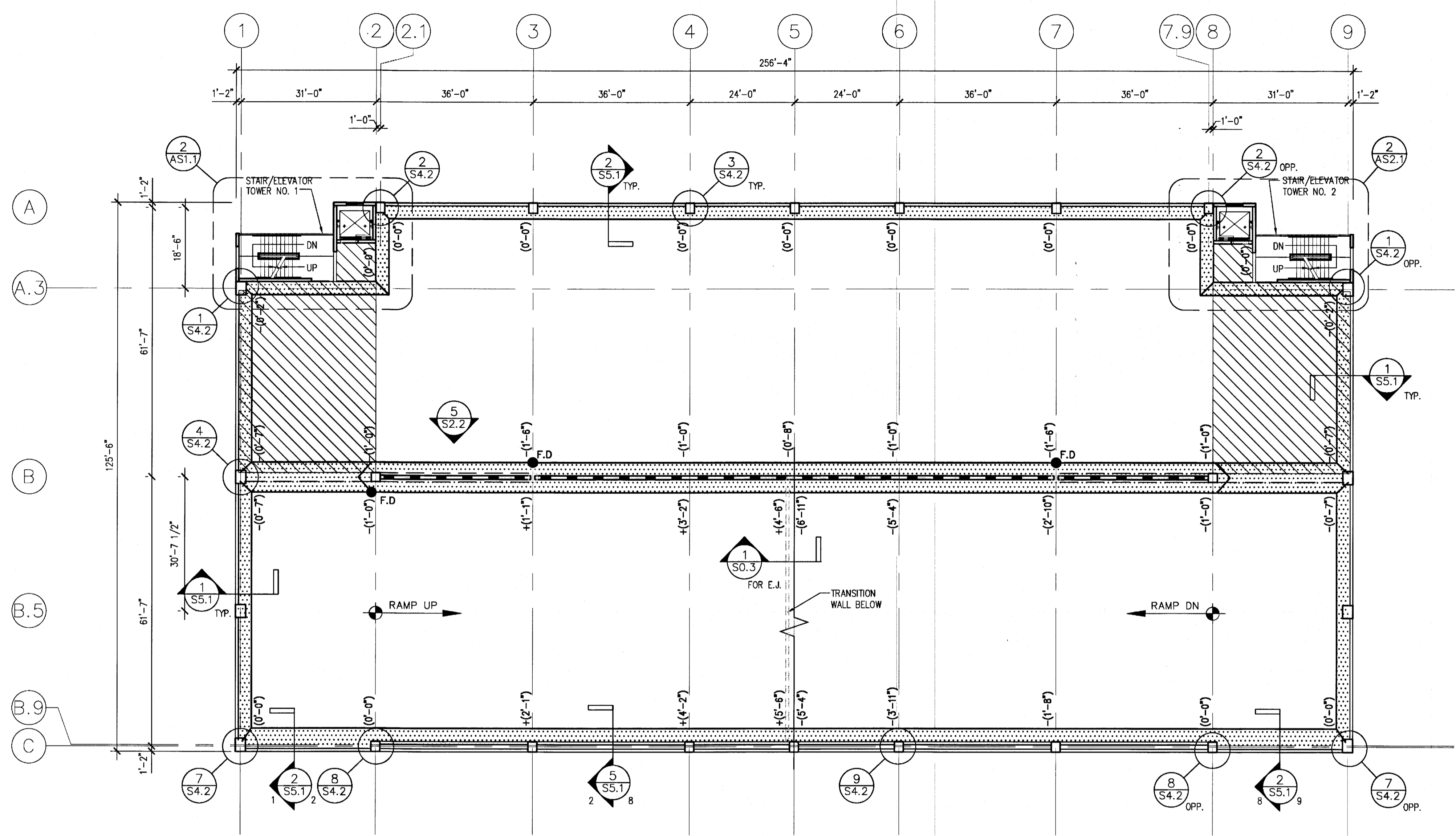
S3.1

CONSTRUCTION & PERMIT SET



SHEET NOTES:

- FOR GENERAL NOTES SEE SHEET S0.1.
- FOR TEE AND BEAM DETAILS, SEE SHEETS S4.1.
- FOR COLUMN DETAILS, SEE SHEETS S4.2 & S4.3.
- REFER TO SHEETS S3.1 THRU S3.4 FOR FLOOR DRAIN LOCATIONS. COORDINATE WITH MECHANICAL DRAWINGS.
- REFER TO SHEETS AS1.1 THRU AS4.2 FOR STAIR/ELEVATOR PLANS, SECTIONS AND DETAILS.
- WARP SLABS AS REQUIRED TO PROVIDE A SMOOTH TRANSITION FOR ELEVATION DIFFERENCE.
- S3.3 REPRESENTS THE "TYPICAL TIER PLAN". ALL SECTION CUTS, PLAN DETAILS AND NOTES SHOWN ON IT ARE TYPICAL OF EVERY TIER U.N.
- USE STRAIGHT LINE INTERPOLATION FOR FLOOR ELEVATIONS BETWEEN THOSE INDICATED.
- SLOPE BEARING PLATES IN BEAM OR SUPPORT PLATES IN COLUMNS/WALLS TO PROVIDE UNIFORM BEARING SURFACES FOR P/C MEMBERS AS REQUIRED, TYP.
- SHADED AREAS DEPICT EXTENT OF C.I.P. POUR STRIP.
- SHADED AREAS DEPICT EXTENT OF 3" C.I.P. TOPPING.
- SHADED AREAS DEPICT EXTENT OF TRAFFIC DECK COATING. PRECASTER TO COORDINATE TEE FINISH @ SURFACES, WHICH WILL RECEIVE TRAFFIC DECK COATING WITH WATERPROOFING CONTRACTOR.
- ALL TOPPING ON TEES AND POURSTRIPS TO HAVE 1 1/2 POUNDS OF FIBROUS REINFORCING PER CU. YARD OF CONCRETE.
- ELEVATIONS SHOWN ON STRUCTURAL PLANS ARE TOP OF THE SLAB (P/C DOUBLE TEE) ELEVATIONS AT THE COLUMN CENTERLINE, U.N. WITH AN ELEVATION TARGET SYMBOL. (THIS DOES NOT INCLUDE THE HEIGHT OF WASH/CURB.) REFER TO PLAN ELEVATION KEY DETAIL 1/S0.2 FOR ADD'L. INFO.
- ⊕ DEPICTS COLUMN/WALL STOPS @ FLOOR ELEVATION.
- PROVIDE 1-HOUR FIRE-RATED ENCLOSURE IN STORAGE ROOMS AND AS SHOWN ON PLANS. COORD. WITH MECHANICAL DRAWINGS.
- BASE EL. REPRESENTS THE BENCHMARK BY WHICH ACTUAL SPOT ELEVATIONS ARE CALCULATED BY ADDING/SUBTRACTING THE ELEV. SHOWN ON THE SPECIFIC LOCATION.



1 SECOND TIER STRUCTURAL PLAN
SCALE: 1/16" = 1'-0"
NORTH

BASE ELEVATION 17'-6"

THE CONTRACTOR SHALL BE RESPONSIBLE TO ASSURE A MINIMUM OF 8'-2" HEADROOM CLEARANCE BETWEEN ALL DRIVING SURFACES AND OVERHEAD STRUCTURE AT THIS TIER PRIOR TO PLACING CONCRETE POURSTRIP AND TOPPING.

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SECOND TIER STRUCTURAL PLAN
SCALE: AS SHOWN
DRAWN BY: RBN
PLOT DATE: -
ISSUED: 11/30/07
12/27/07
01/22/08
01/30/08
04/03/08

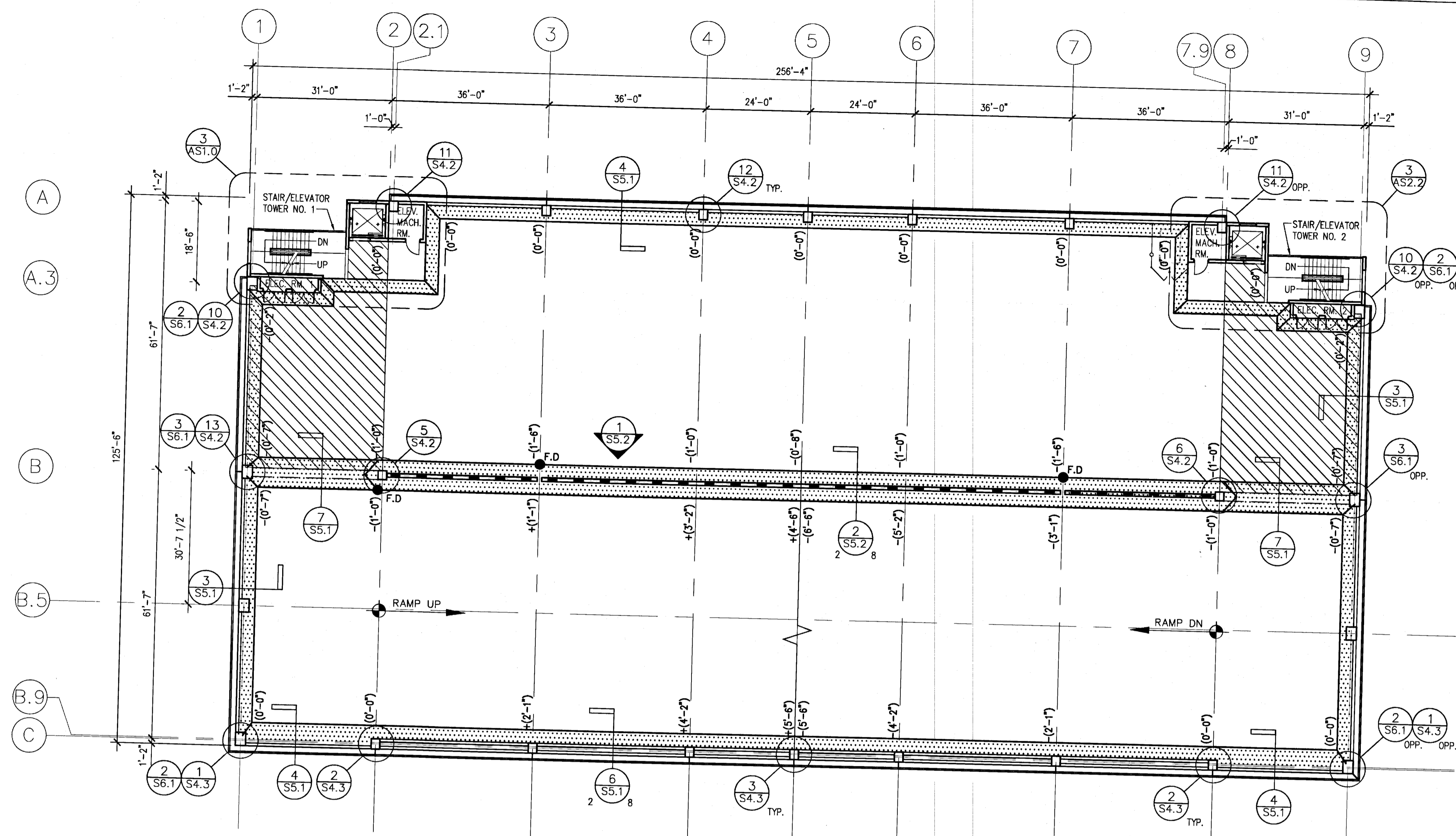
SEAL
AUG 01 2011

Petronilo C. Alarcon
PROFESSIONAL ENGINEER
FL. LIC. 36740

06/20/08

S3.2

CONSTRUCTION & PERMIT SET

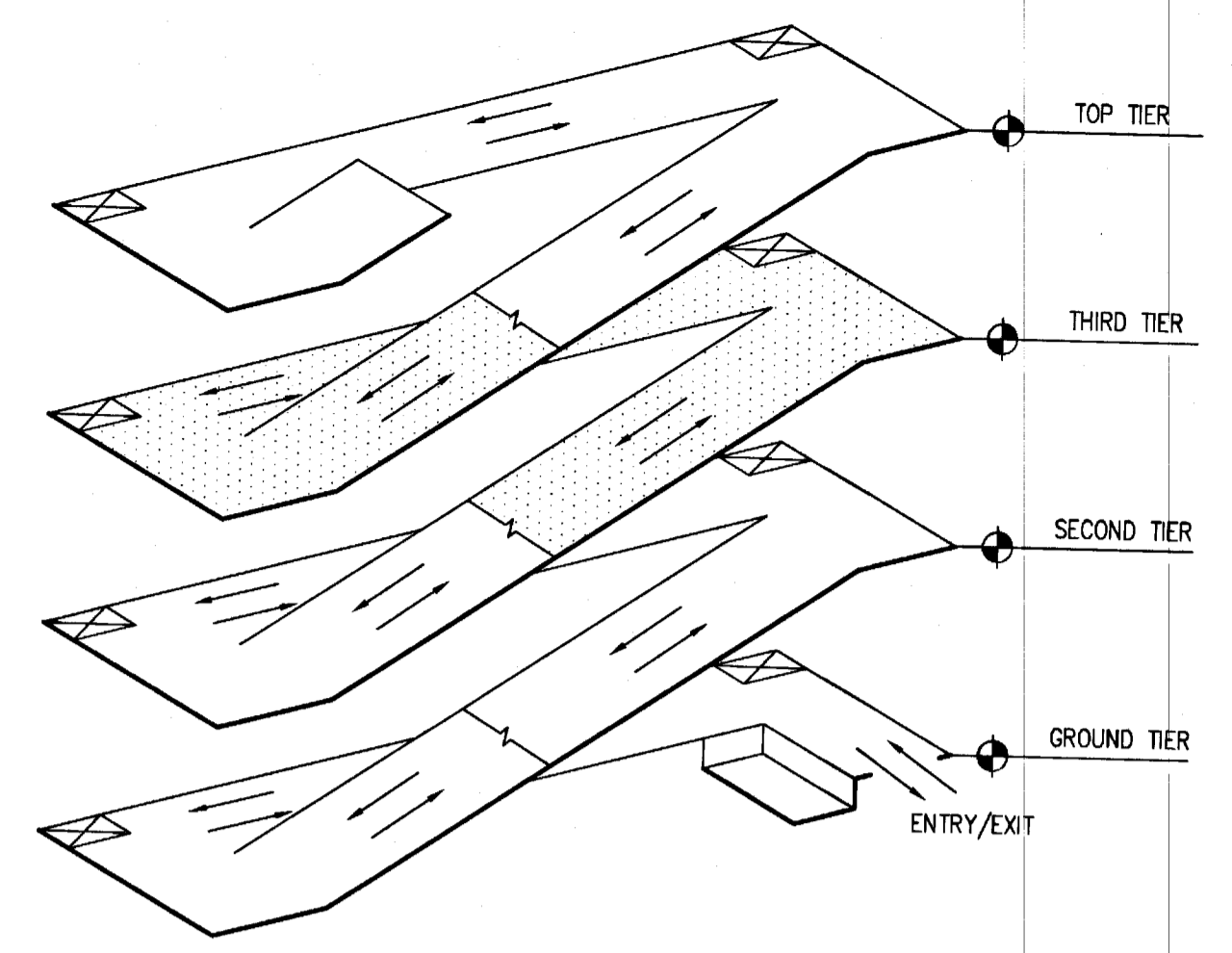


1 THIRD TIER STRUCTURAL PLAN
S3.3 SCALE: 1/16" = 1'-0"



BASE ELEVATION 28'-6"

THE CONTRACTOR SHALL BE RESPONSIBLE TO ASSURE A MINIMUM OF 8'-2" HEADROOM CLEARANCE BETWEEN ALL DRIVING SURFACES AND OVERHEAD STRUCTURE AT THIS TIER PRIOR TO PLACING CONCRETE POURSTRIP AND TOPPING.



ISOMETRIC
NORTH

SHEET NOTES:
1. FOR SHEET NOTES SEE DRAWING S3.2.

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C.D. 100%	
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PERMIT	
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NO.	DESC.	DATE

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**THIRD TIER
STRUCTURAL
PLAN**

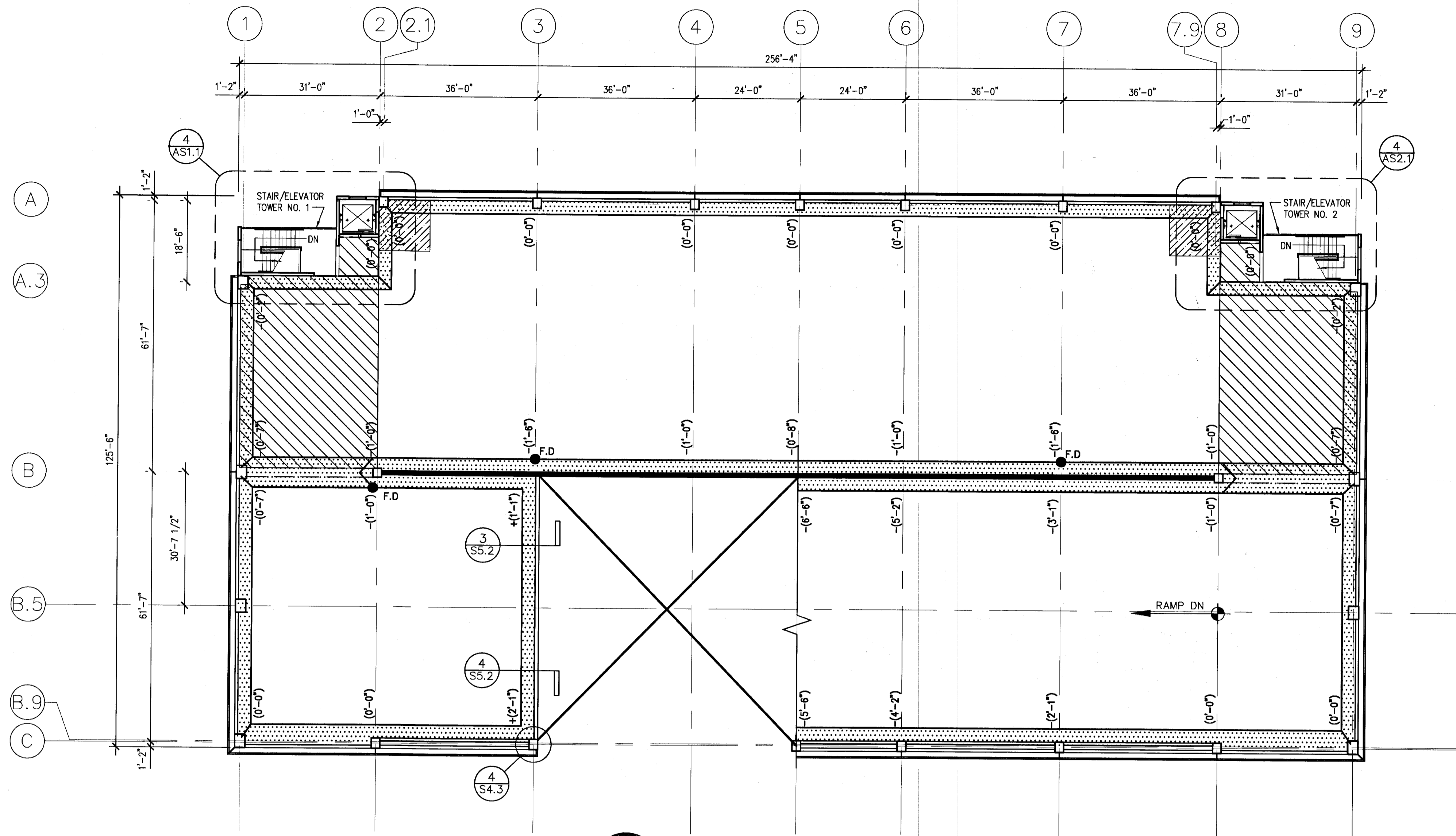
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DRAWN BY:	RBN
PLOT DATE:	-
ISSUED:	11/30/07
	12/27/07
	01/22/08
	01/30/08
	04/03/08

Petronilo C. Arcon
PROFESSIONAL ENGINEER
FL. LIC. 36740

Arcon
06/23/08

S3.3

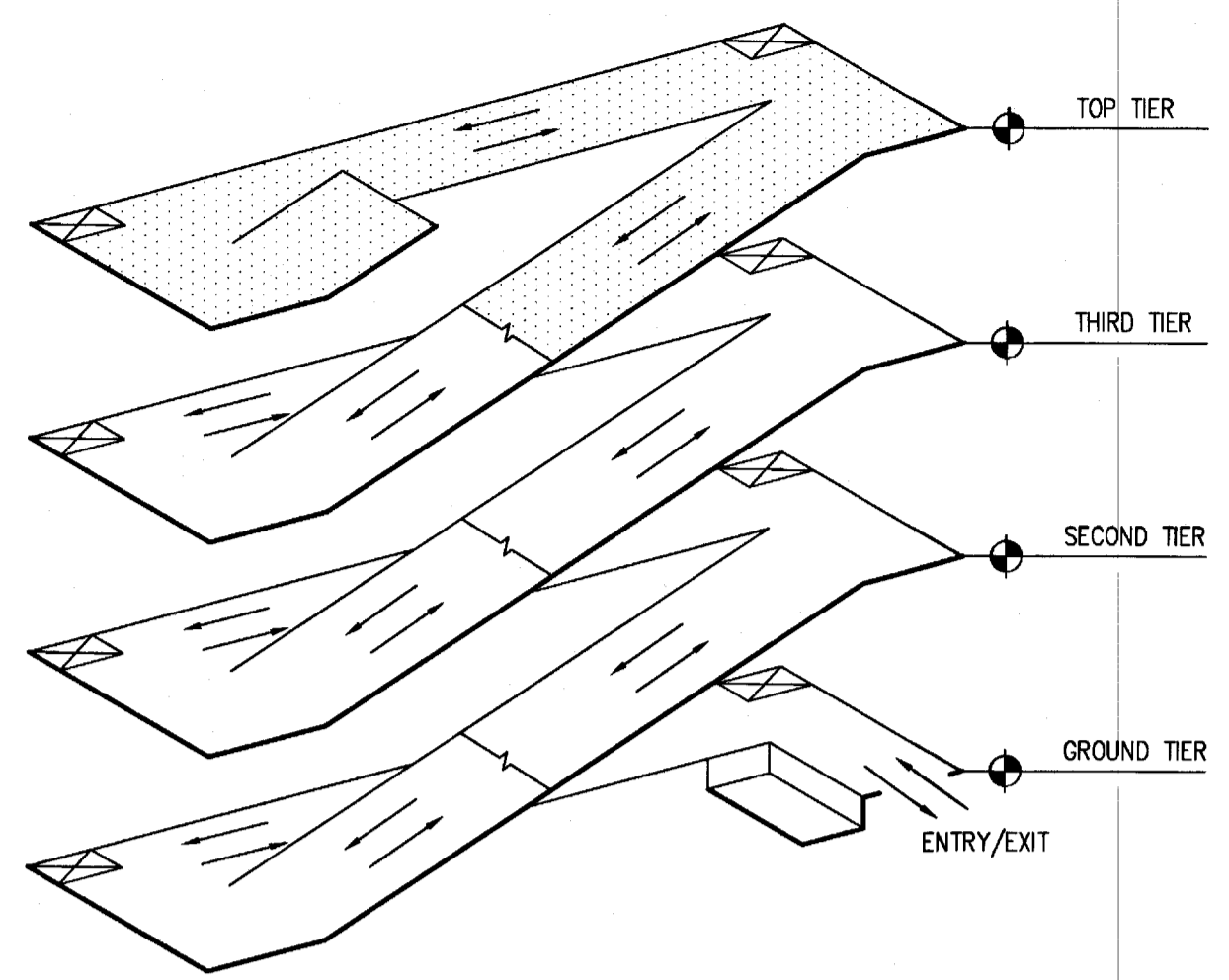
CONSTRUCTION &
PERMIT SET



1 TOP TIER STRUCTURAL PLAN
S3.4 SCALE: 1/16" = 1'-0"



BASE ELEVATION 39'-6"



ISOMETRIC NORTH

SHEET NOTES:
1. FOR SHEET NOTES SEE DRAWING S3.2.

PRECASTER NOTE: MAKE PROVISIONS FOR BASE CONNECTORS FOR SOLAR PANEL FRAMING ASSEMBLIES AT THE TOP OF THE LIGHTWALLS & COLUMNS AS APPLICABLE.

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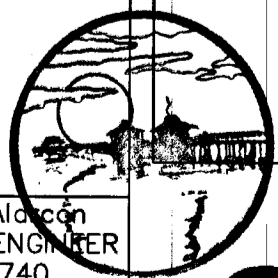
TOP TIER STRUCTURAL PLAN

SCALE:	AS SHOWN
DRAWN BY:	RBN
PLOT DATE:	-
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	12/27/07
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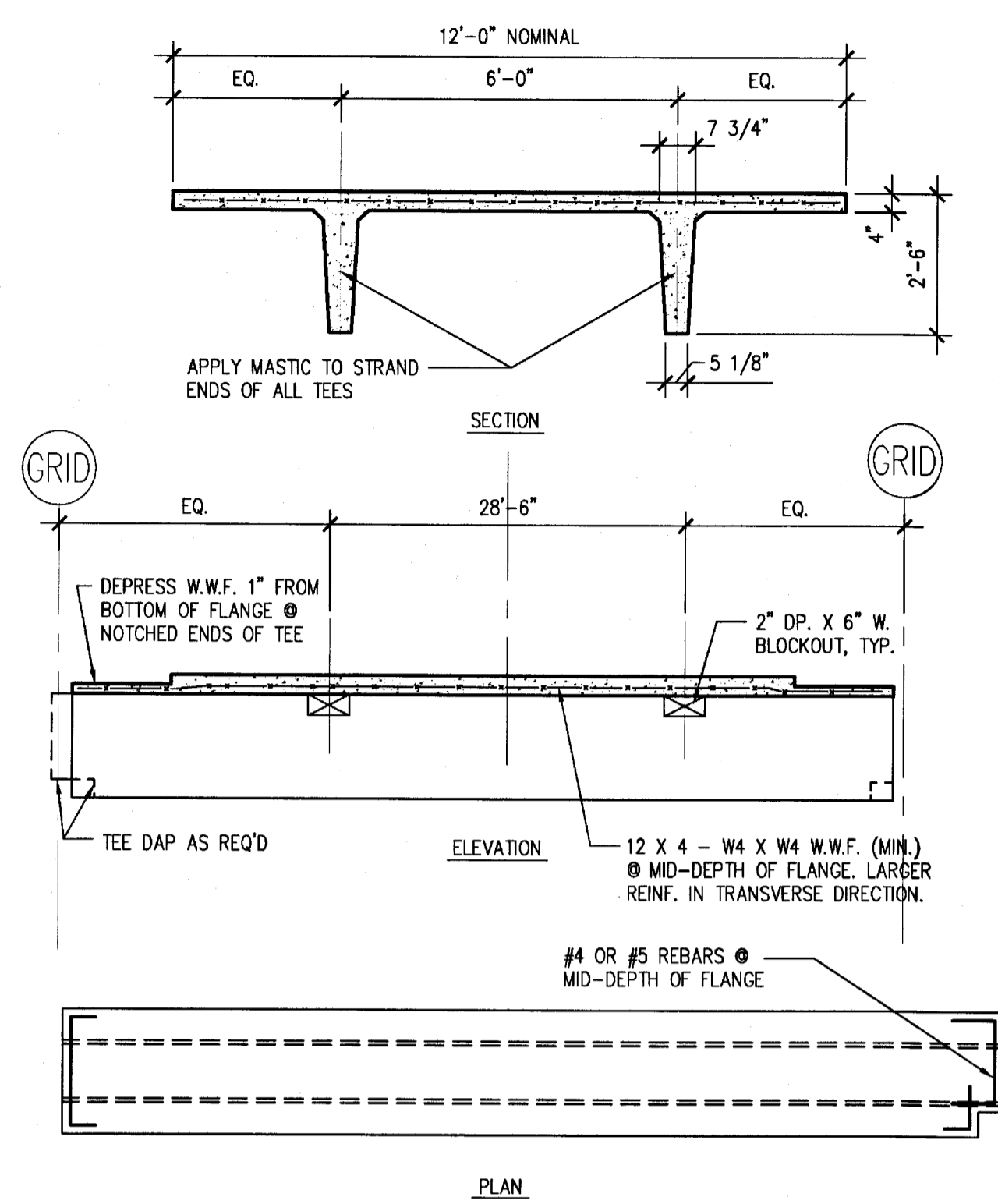
Petronio C. Aldred
PROFESSIONAL ENGINEER
FL LIC. 36740

[Signature]
06/23/08

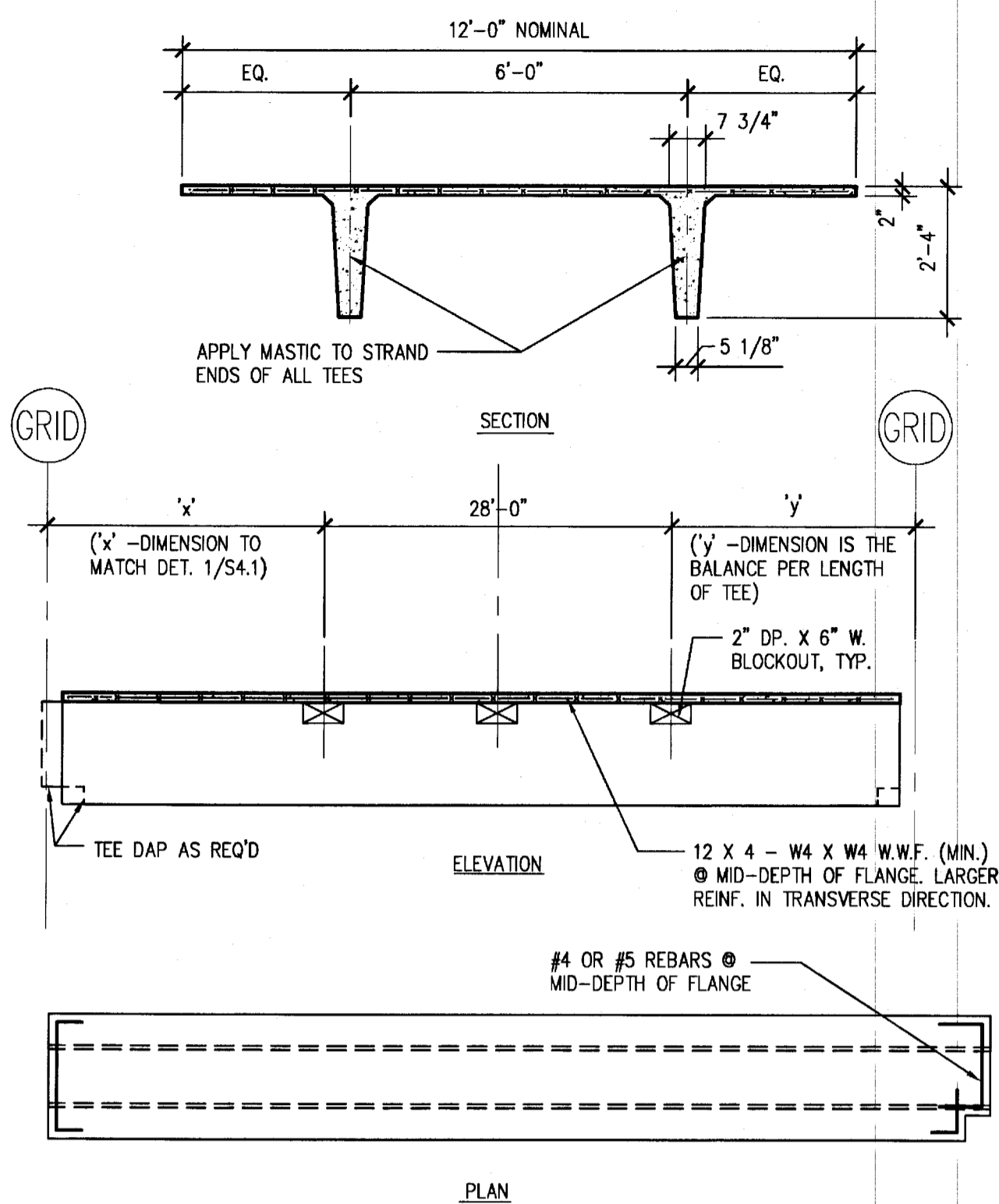


S3.4

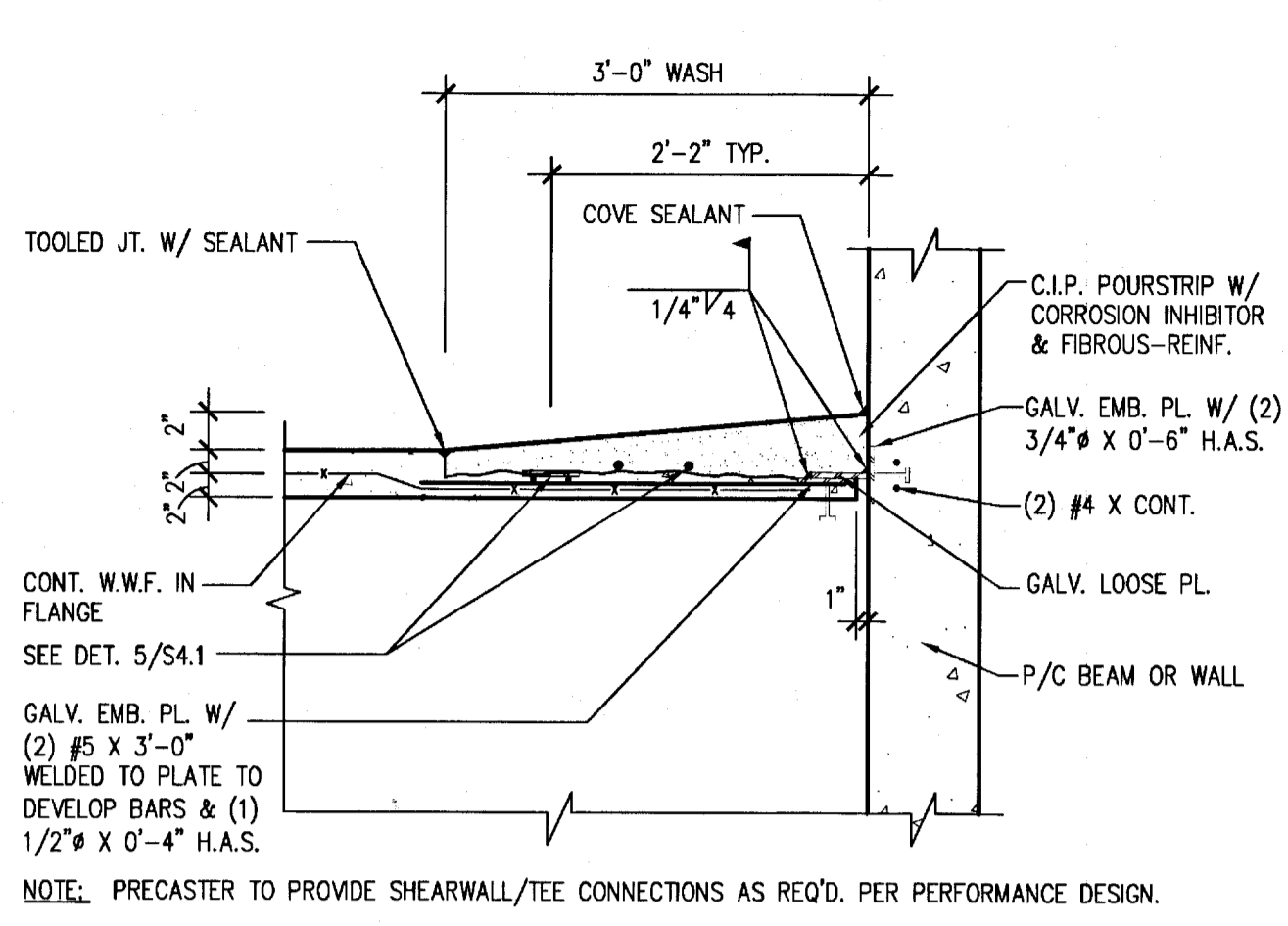
CONSTRUCTION & PERMIT SET



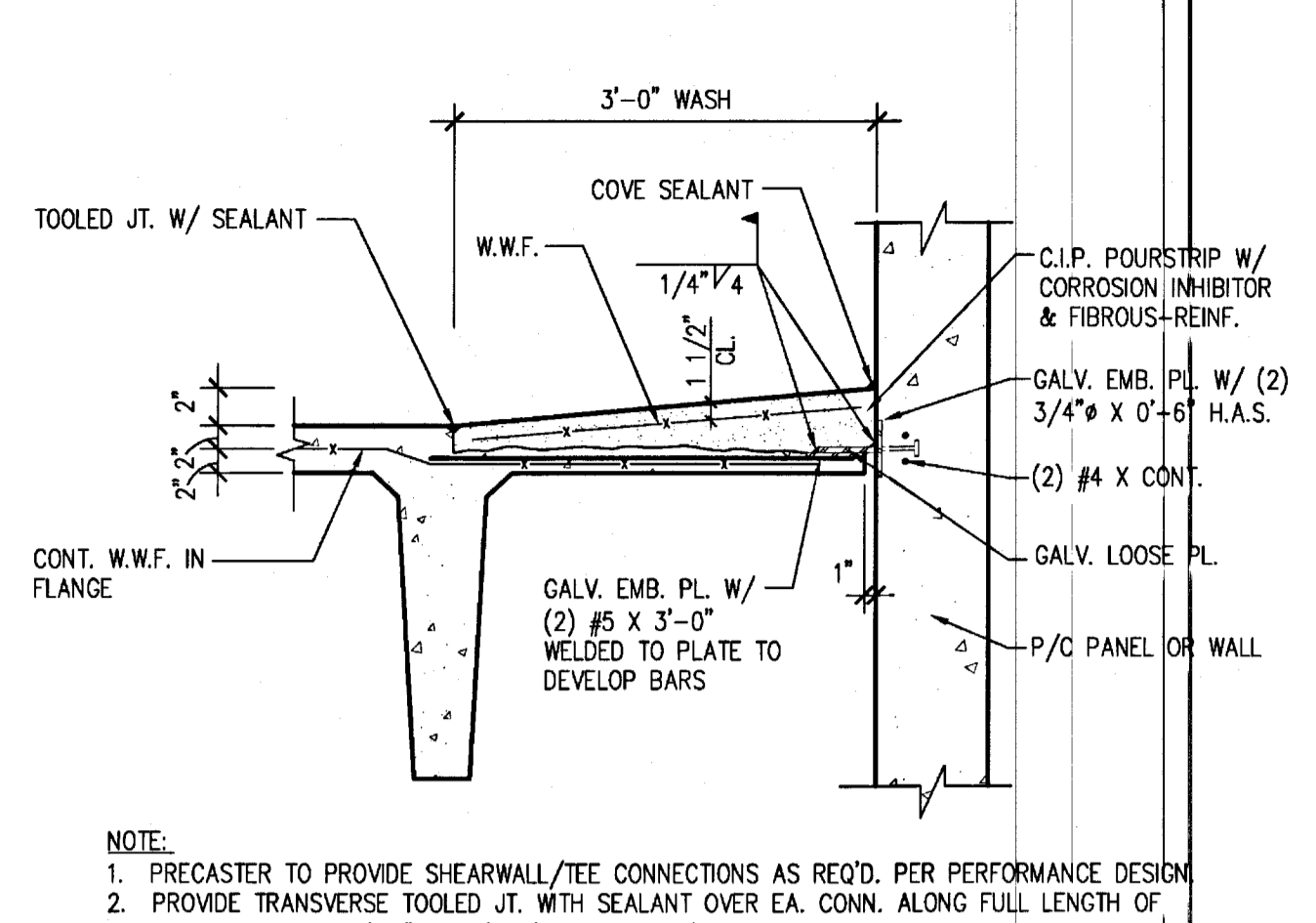
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S4.1 SCALE: N.T.S.



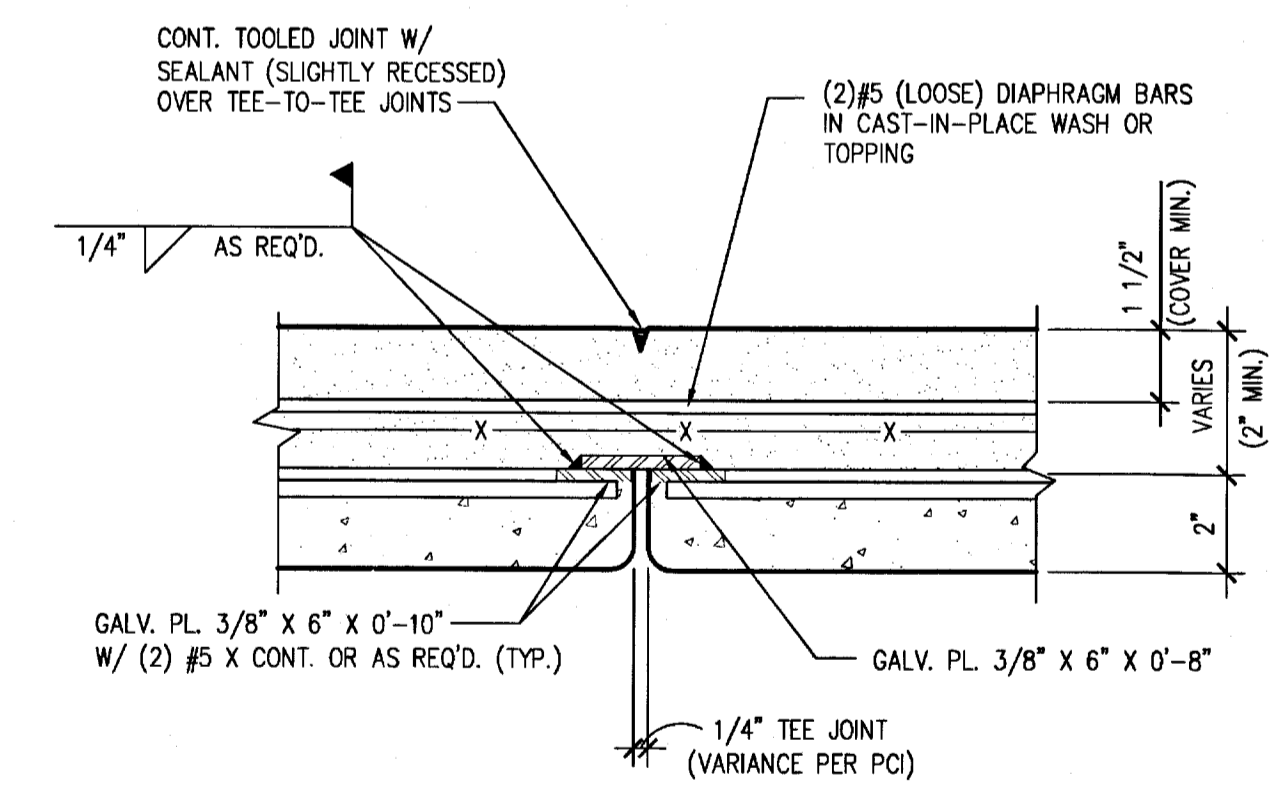
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S4.1 SCALE: N.T.S.



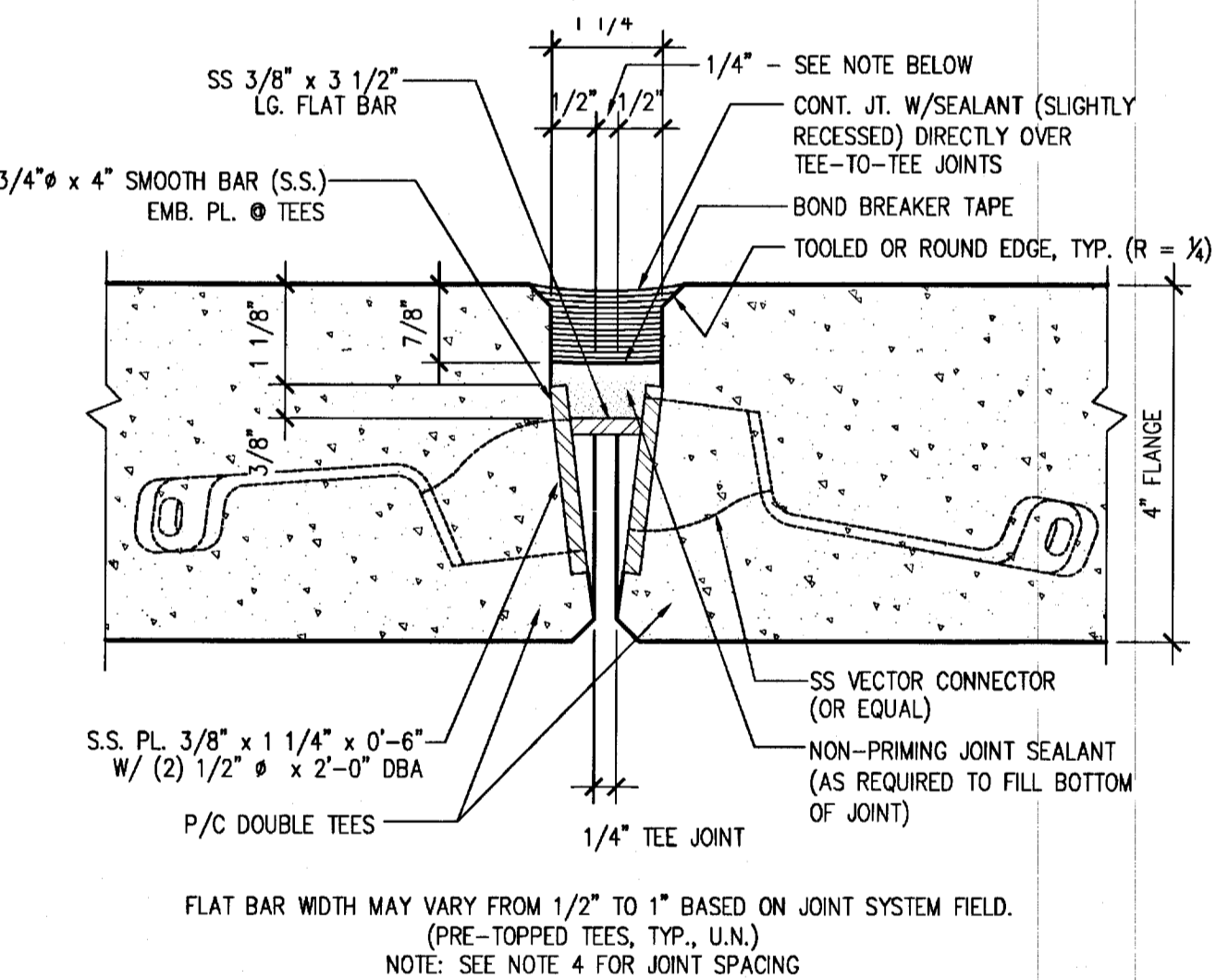
3 TYPICAL POURSTRIP DETAIL
S4.1 SCALE: N.T.S.



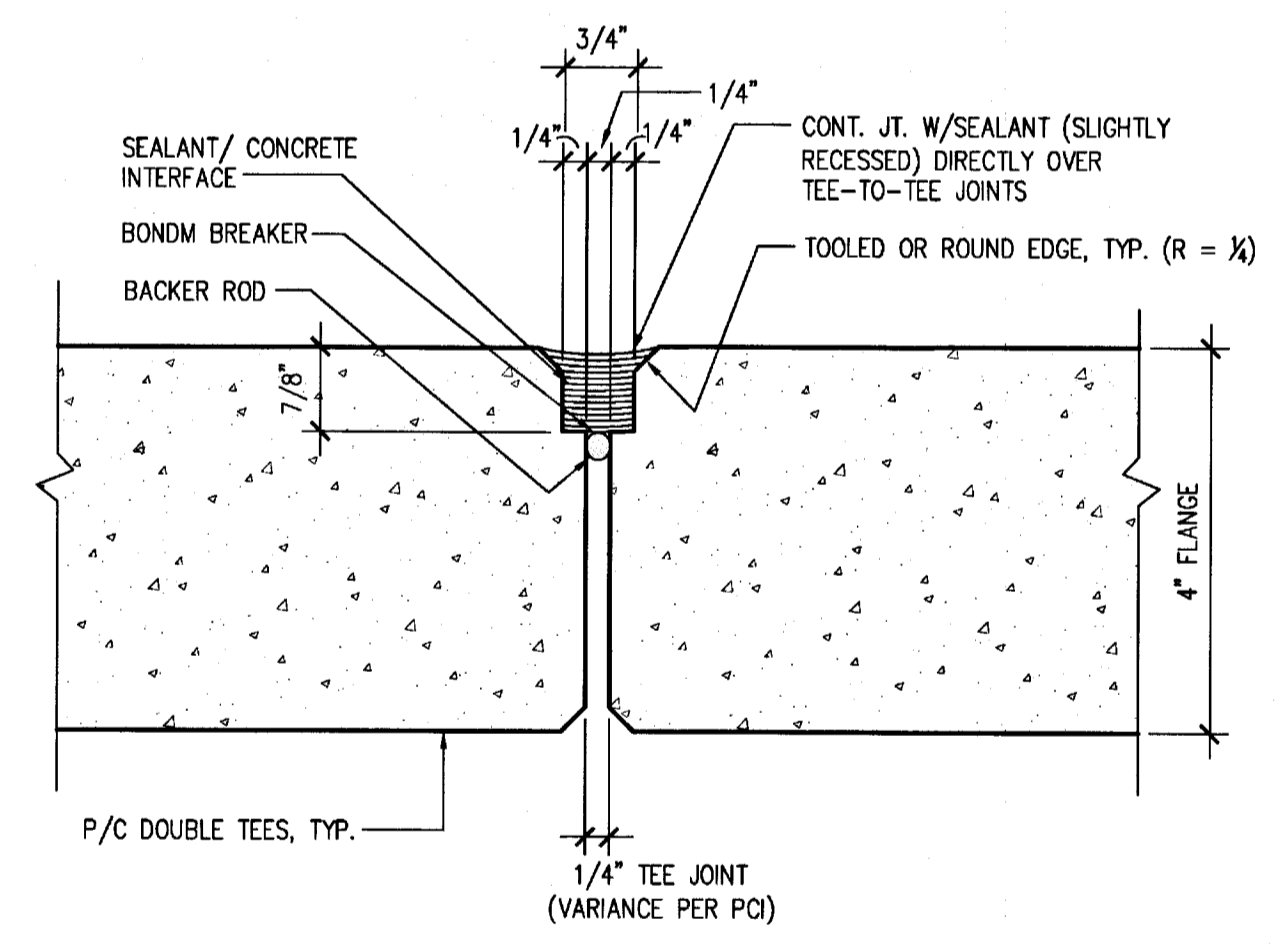
4 TYPICAL POURSTRIP DETAIL
S4.1 SCALE: N.T.S.



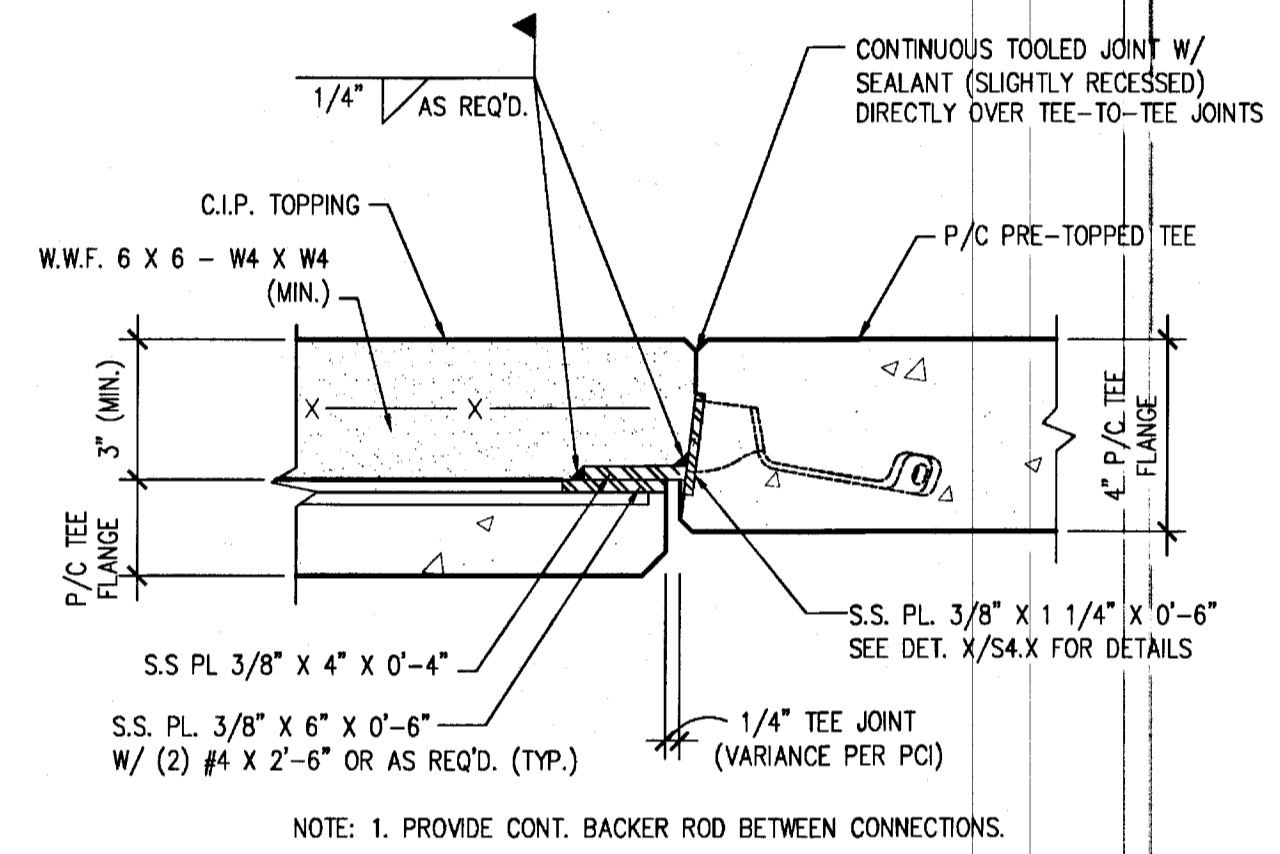
5 TEE/TEE JOINT DETAIL (DIAPHRAGM CONN.)
S4.1 SCALE: N.T.S.



6 P/C TEE/TEE JOINT DETAIL @ CONN.
S4.1 SCALE: N.T.S.



6A P/C TEE/TEE JOINT DETAIL BETWEEN CONN.
S4.1 SCALE: N.T.S.



7 TEE/TEE JOINT DETAIL (TOPPED TO PRE-TOPPED TEES)
S4.1 SCALE: N.T.S.

- TEE / BEAM NOTES**
- PRECAST MEMBERS SHALL BE DESIGNED BASED ON PERFORMANCE TYPE BY PRECASTER IN ACCORDANCE WITH THE CRITERIA DEFINED ON SECTION 03410 OF THE SPECIFICATIONS AND THE DETAILS SHOWN ON THESE DOCUMENTS.
 - EXTENT OF DOUBLE TEES SHOWN ON PLAN SHEETS S3.1 THRU S3.4.
 - CONCRETE STRENGTH SHALL BE AS FOLLOWS:
 - F'c = 3500 PSI @ RELEASE
 - F'c = 5000 PSI @ 28 DAYS
 - INITIAL PULLING FORCE SHALL BE 31 KIPS PER 1/2" DIA. X 270 KSI STRAND.
 - TYPICAL TEE-TO-TEE JOINTS PER DETAIL 5, 6 & 7/S4.1 SHALL BE SPACED AS FOLLOWS:
 - (7) CONNS @ 4'-0" O.C. AT DRIVE AISLES CENTERED @ MIDBAY.
 - @ 8'-0" O.C. AT PARKING STALLS.
 - PROVIDE DIAPHRAGM CONNECTION PER DETAIL 5/S4.1 @ 2'-3" FROM EA. END OF TEES.
 - SEE DETAIL 7/S4.1 FOR PRETOPPED TEE / TOPPED TEE JOINTS ACCORDINGLY.
 - PROVIDE SHEAR REINFORCING AS REQUIRED BY DESIGN. PROVIDE MIN. SHEAR REINF. OF 0.090 IN 2' / FT. FOR 1ST 5'-0" FROM EACH END OF TEE IF FULL SCALE LOAD TEST RESULTS ARE ACCEPTABLE TO ENGINEER
 - PROVIDE TEE-TO-BEAM (OR WALL) CONNECTION PER DETAIL 3/S4.1 AND 4/S4.1 AS FOLLOWS:
 - AT EACH TEE STEM FOR LEDGER BEAMS AND WALLS.
 - AT MIDPOINT BETWEEN STEMS FOR POKETED SPANDRELS.
 - @ 4'-0" O.C. OR AS REQ'D. FOR NON-LOAD BRG. SPANDREL
 - PROVIDE 6 X 6 - W4 X W4 W.W.F. AS TOPPING REINFORCEMENT UNLESS LARGER REINF. IS REQUIRED BY DESIGN. THE PRECASTER SHALL DESIGN PRECAST FLANGE AND TOPPING REINFORCING IF LARGE REINF. IS REQUIRED THAN THOSE SHOWN IN THIS SHEET.
 - (2) #5 X CONT. LONGITUDINAL BARS ON DET. 5/S4.1, CAST AT ENDS OF TEE ARE MINIMUM REQUIRED DIAPHRAGM REINFORCING. SEE DET. 5/S4.1 FOR ADDITIONAL LOOSE DIAPHRAGM REINF. @ C.I.P. WASHES.

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**PRECAST TEE/
BEAM
DETAILS**

SCALE: AS SHOWN
DRAWN BY: DETAILS
PLOT DATE: PRECAST TEE/
ISSUED: 11/30/07
12/27/07
01/22/08
01/30/08
04/03/08

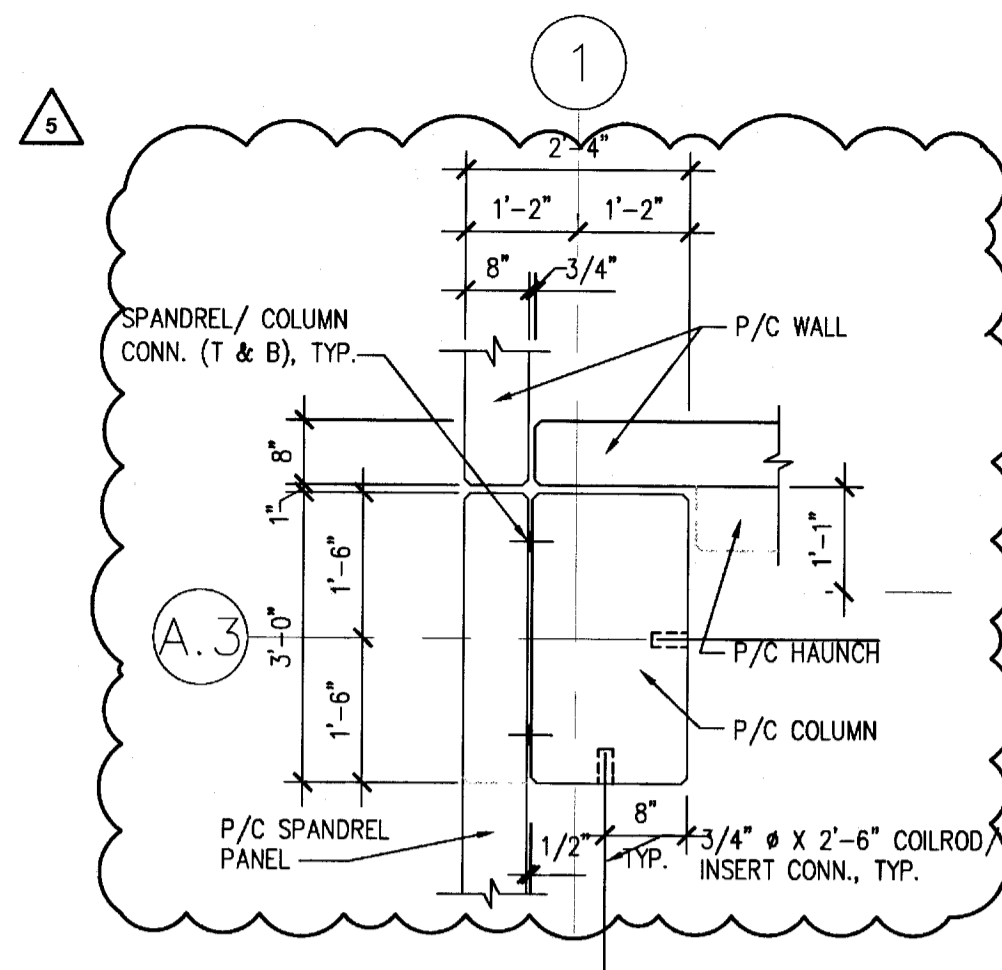
Petronilo C. Alarcon
PROFESSIONAL ENGINEER
FL. LIC. 36740

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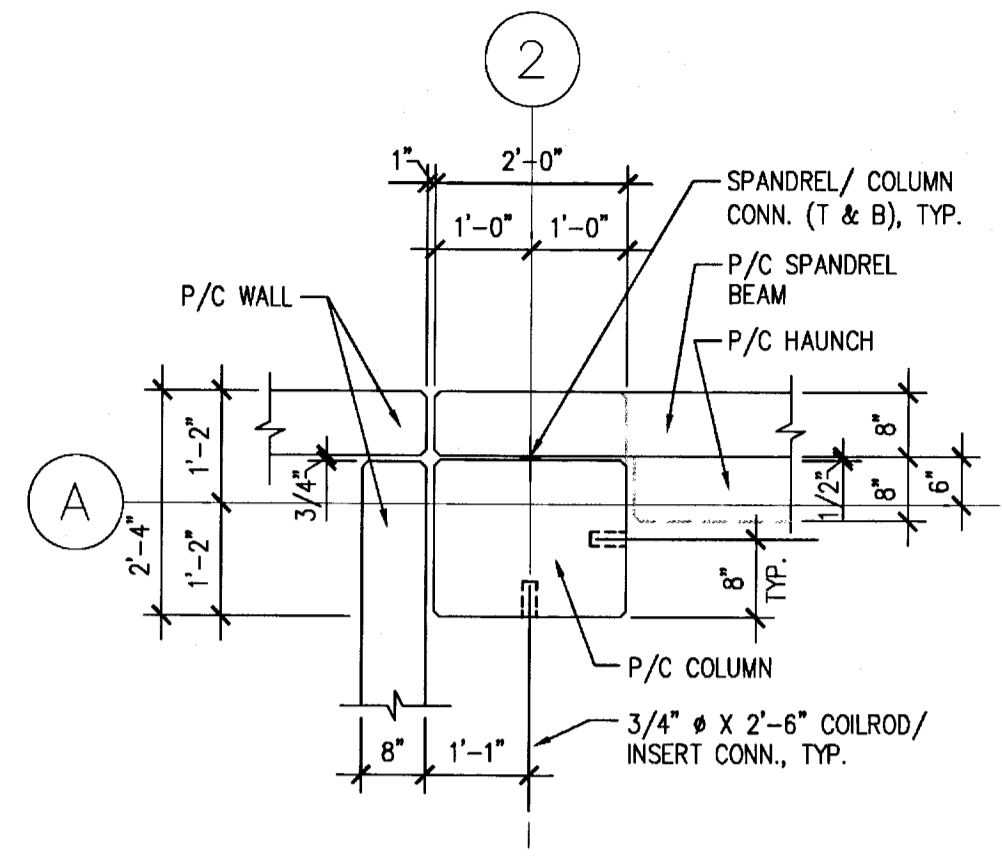
S4.1

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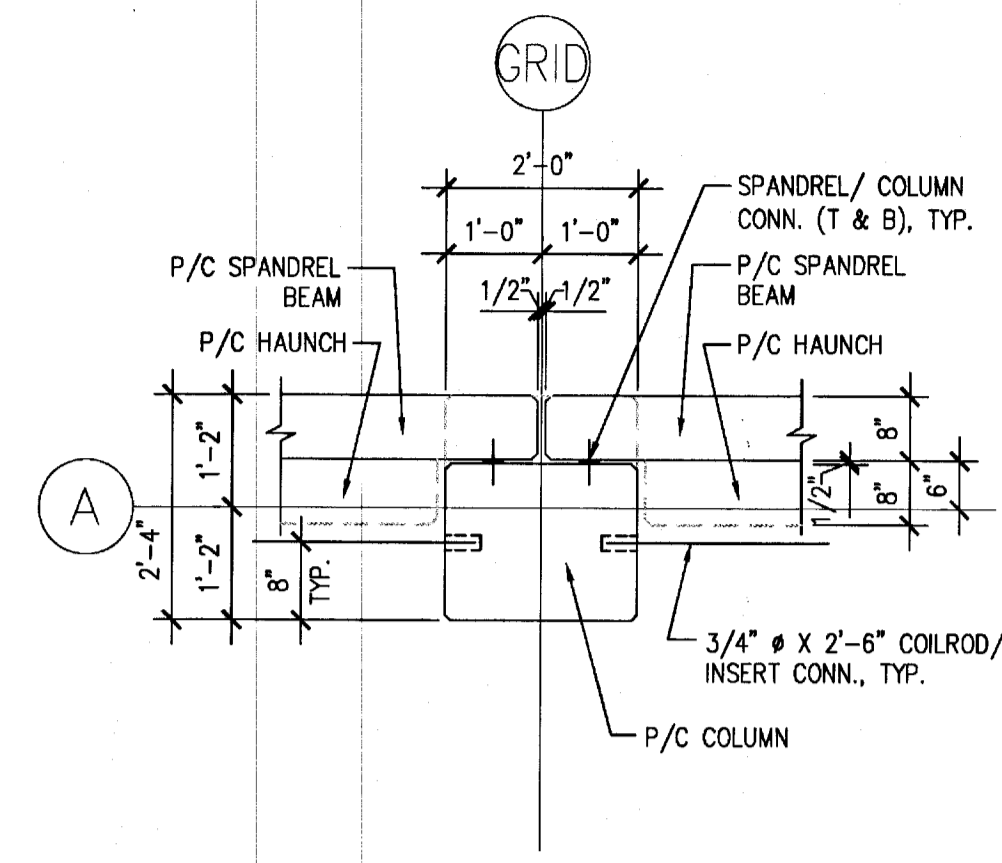
COMPLETED
AUG 01 2011



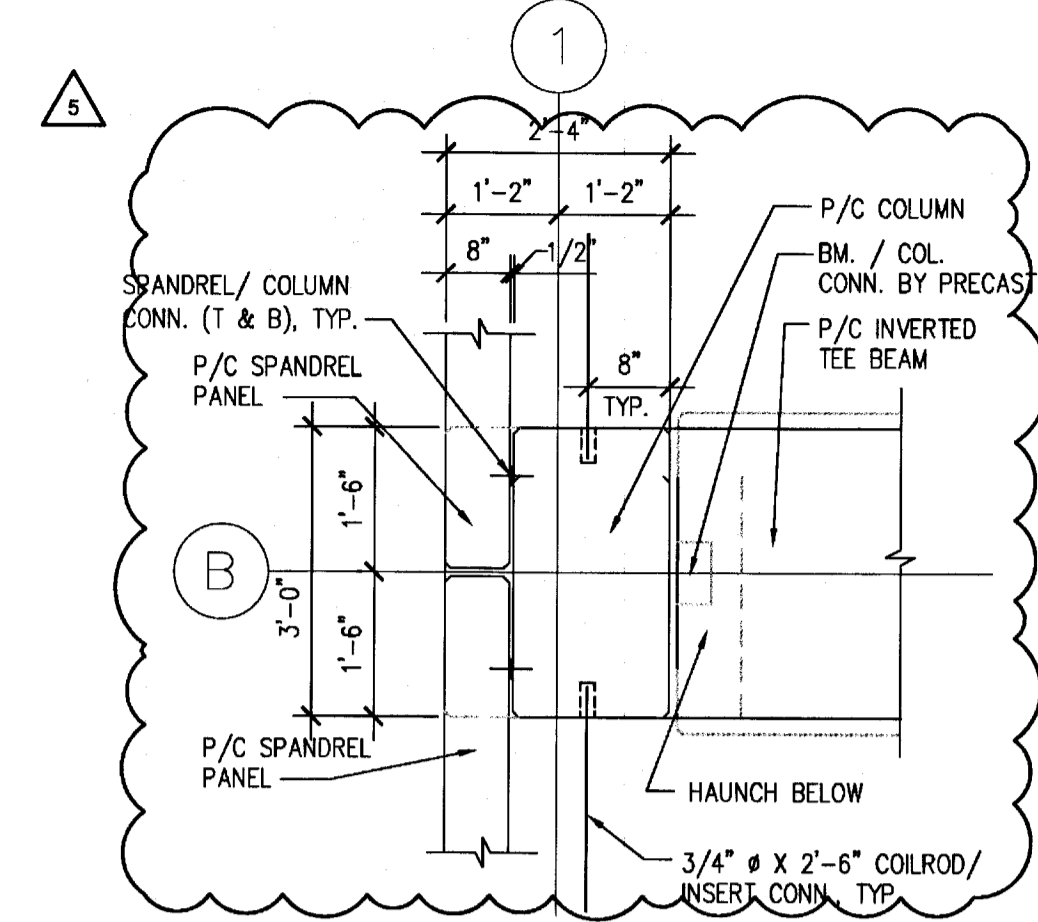
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S4.2 SCALE: N.T.S.



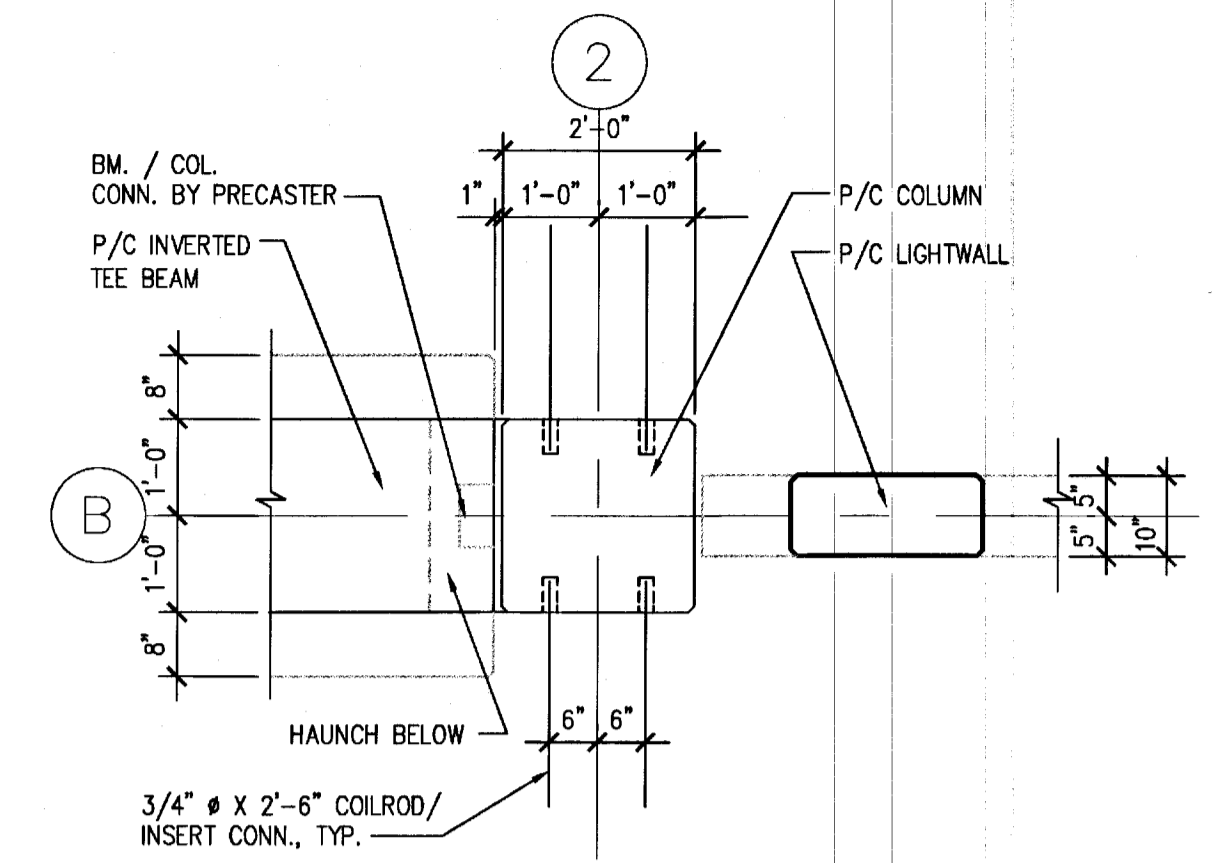
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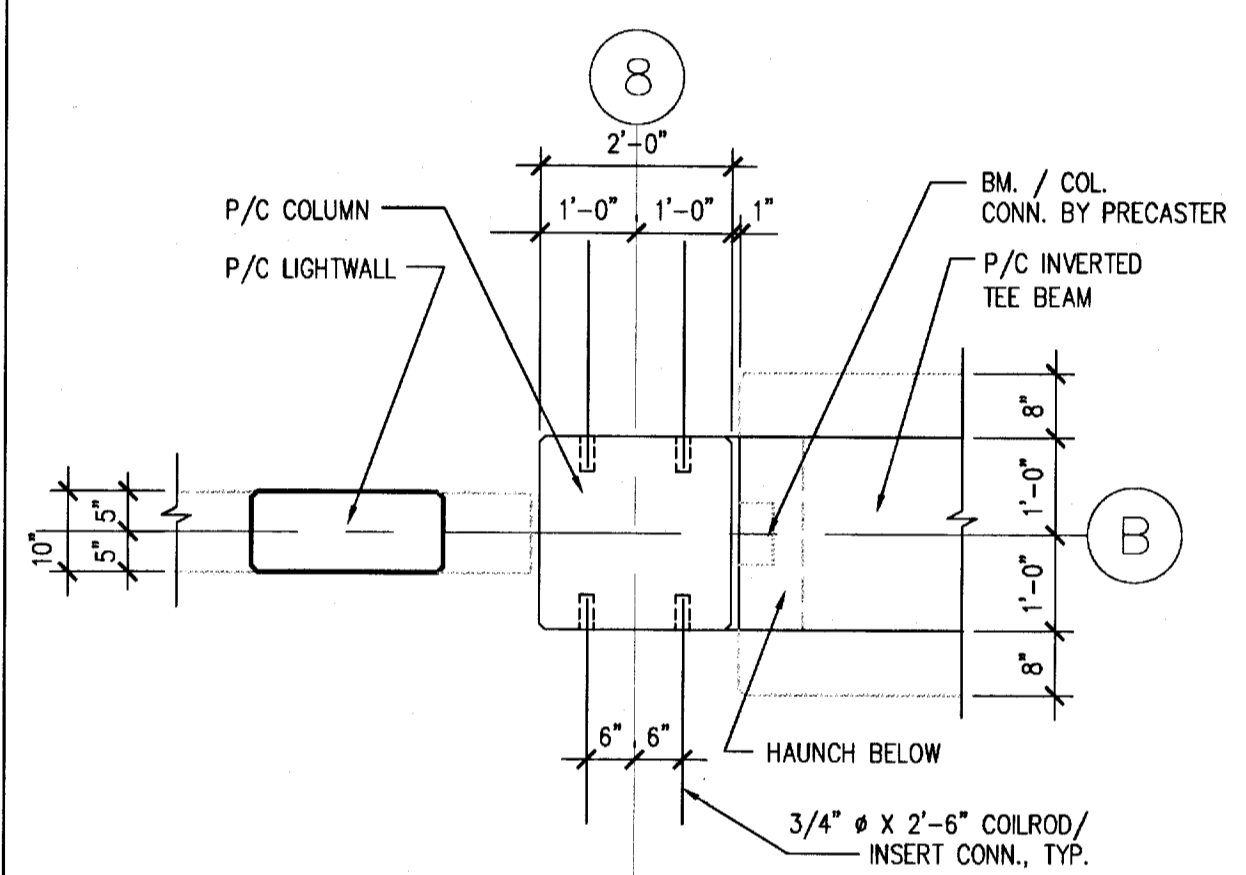
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S4.2 SCALE: N.T.S.



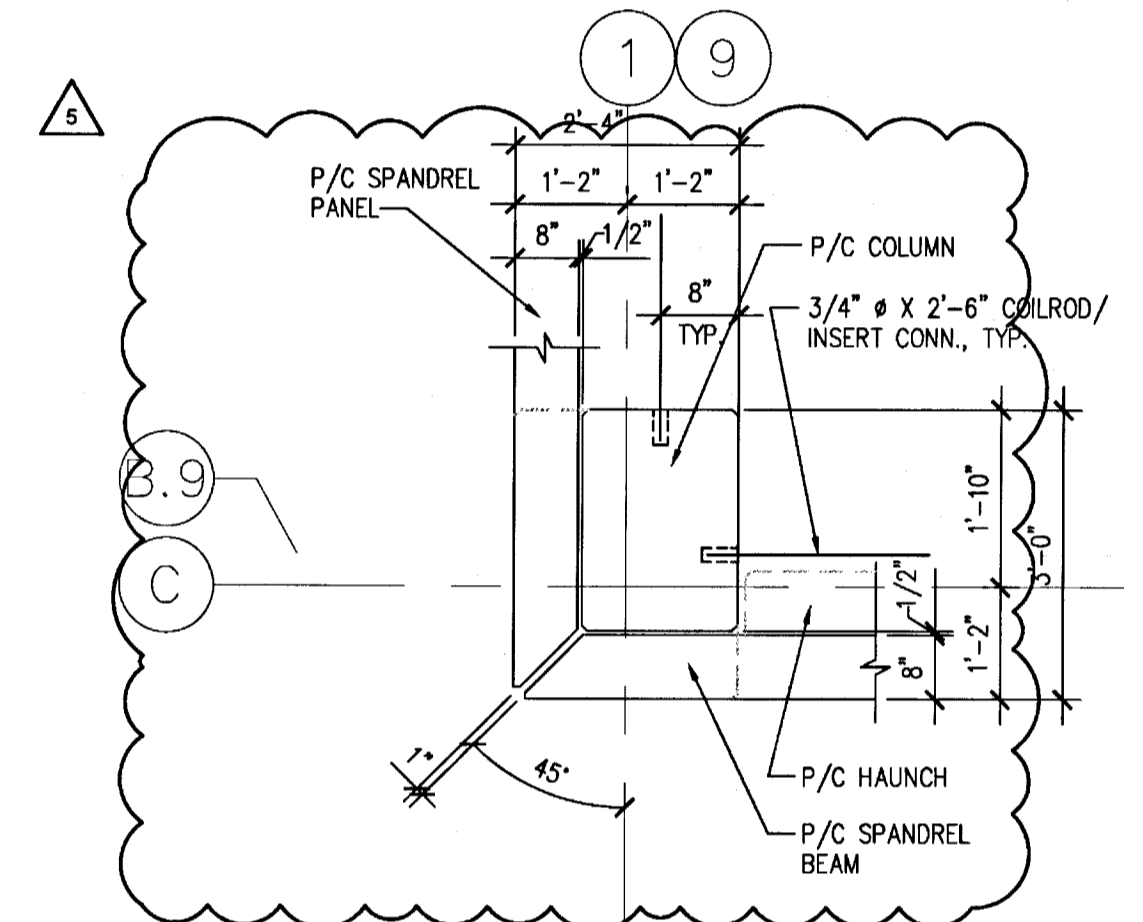
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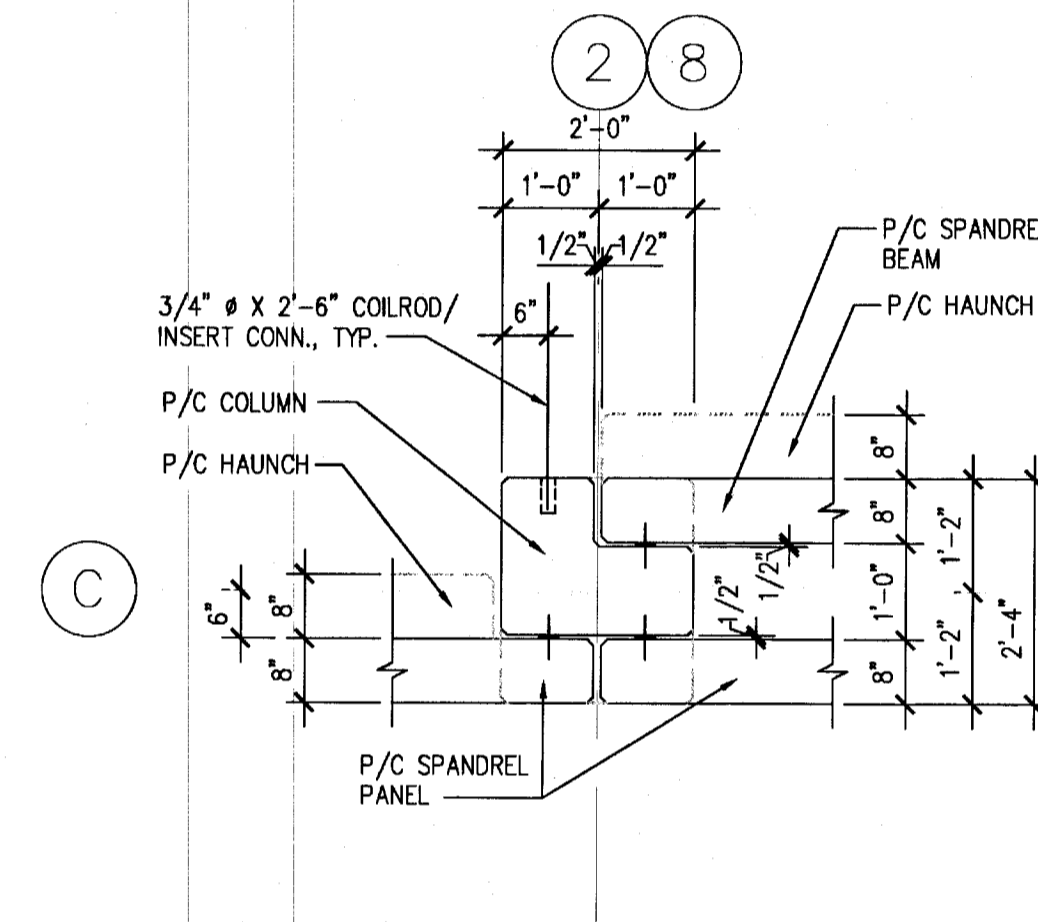
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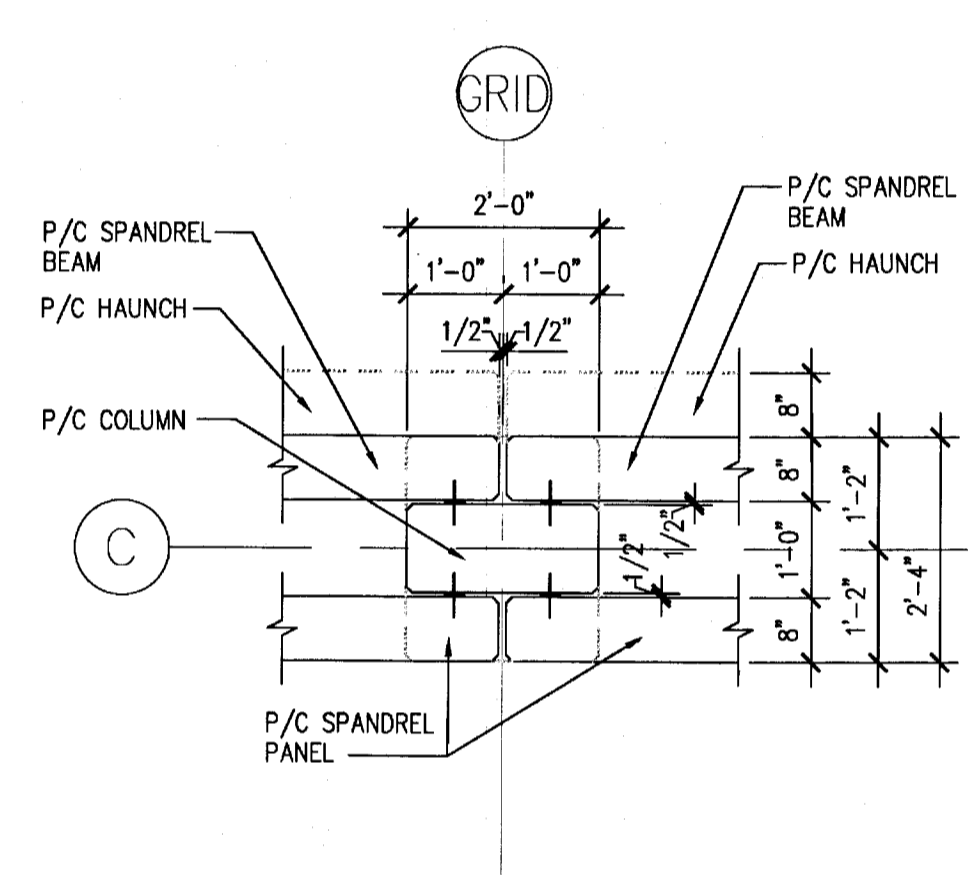
6 COLUMN DETAIL
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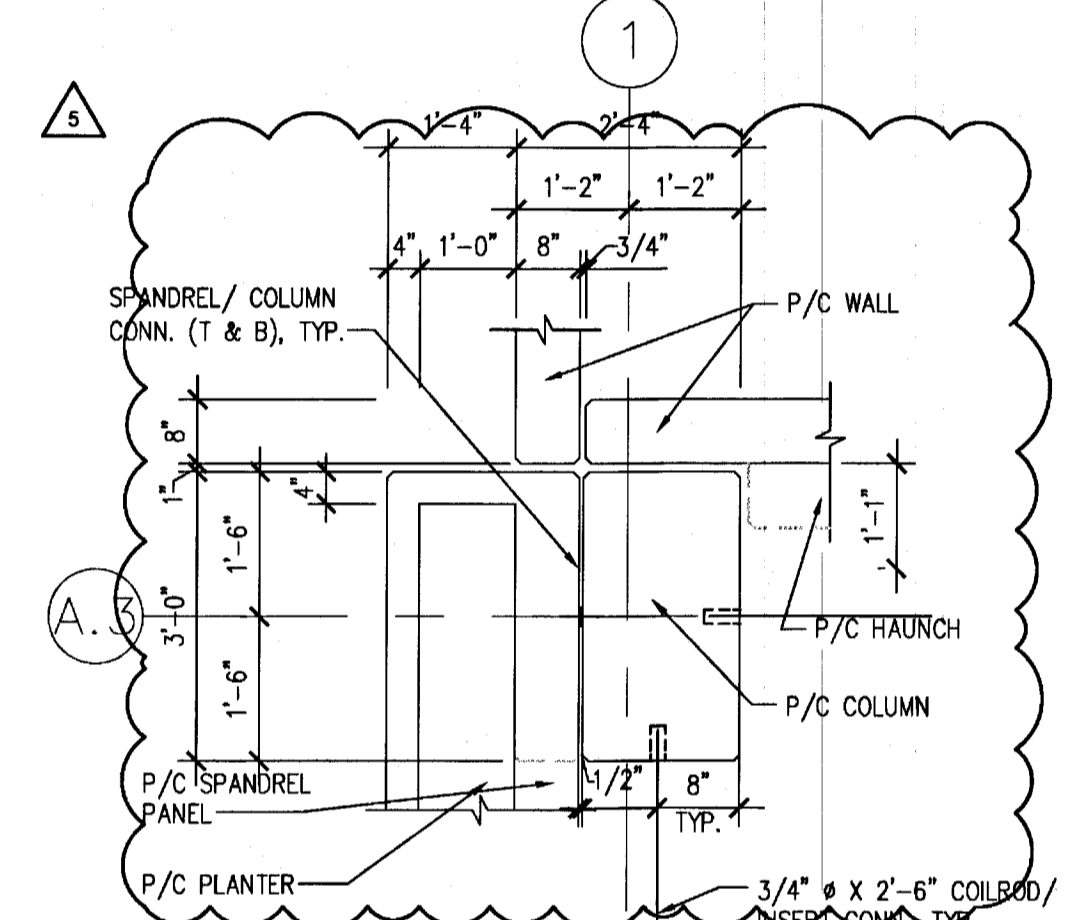
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S4.2 SCALE: N.T.S.



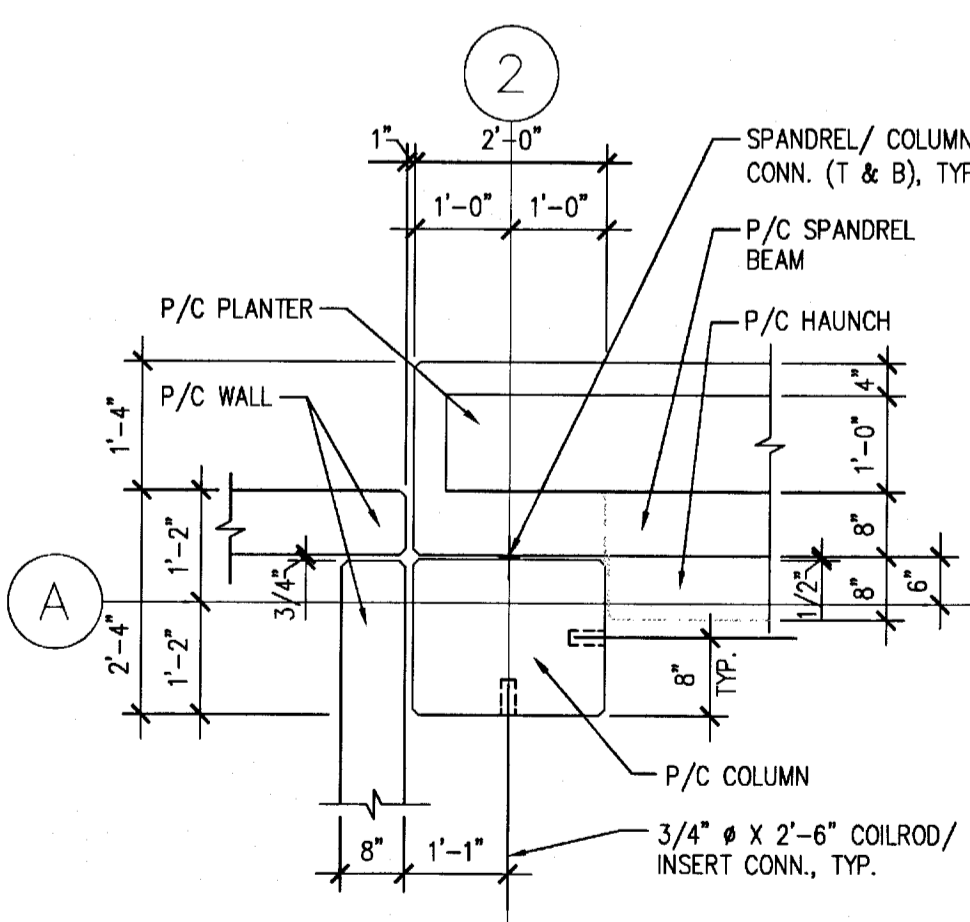
8 COLUMN DETAIL
S4.2 SCALE: N.T.S.



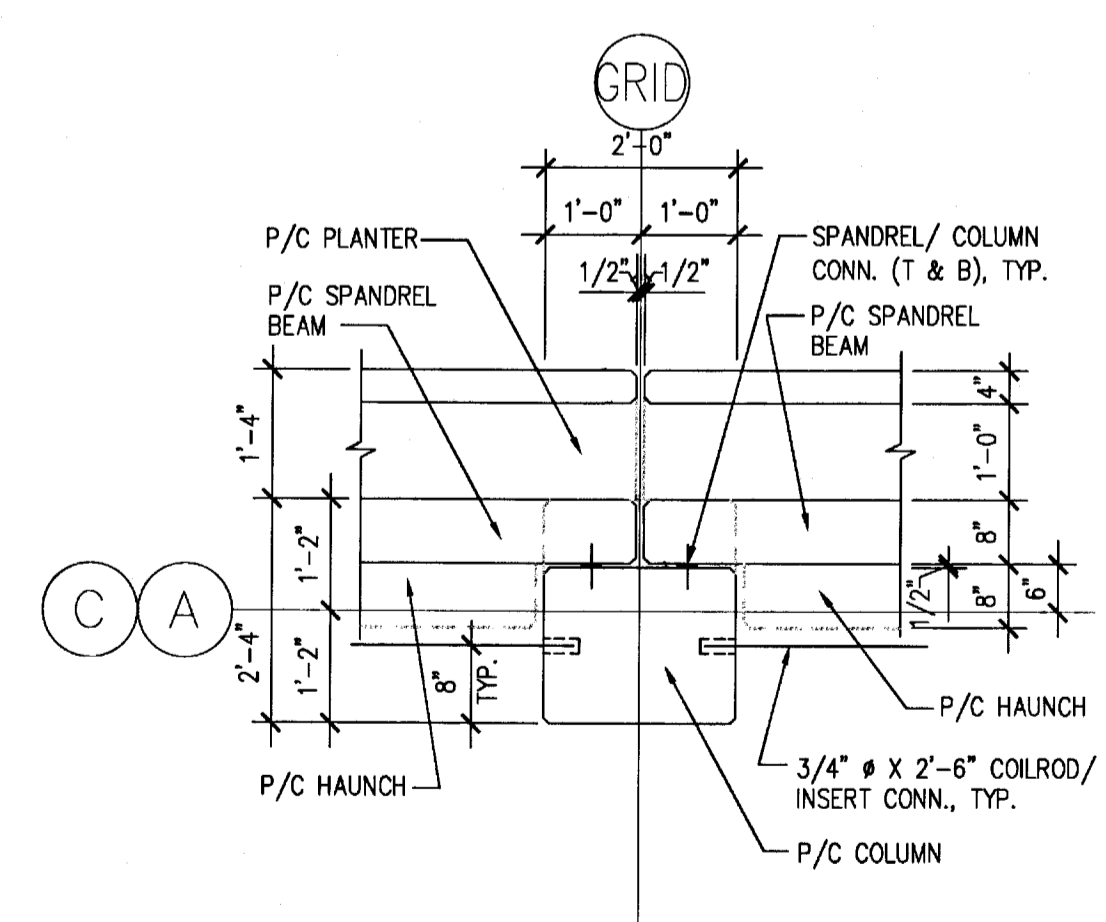
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S4.2 SCALE: N.T.S.



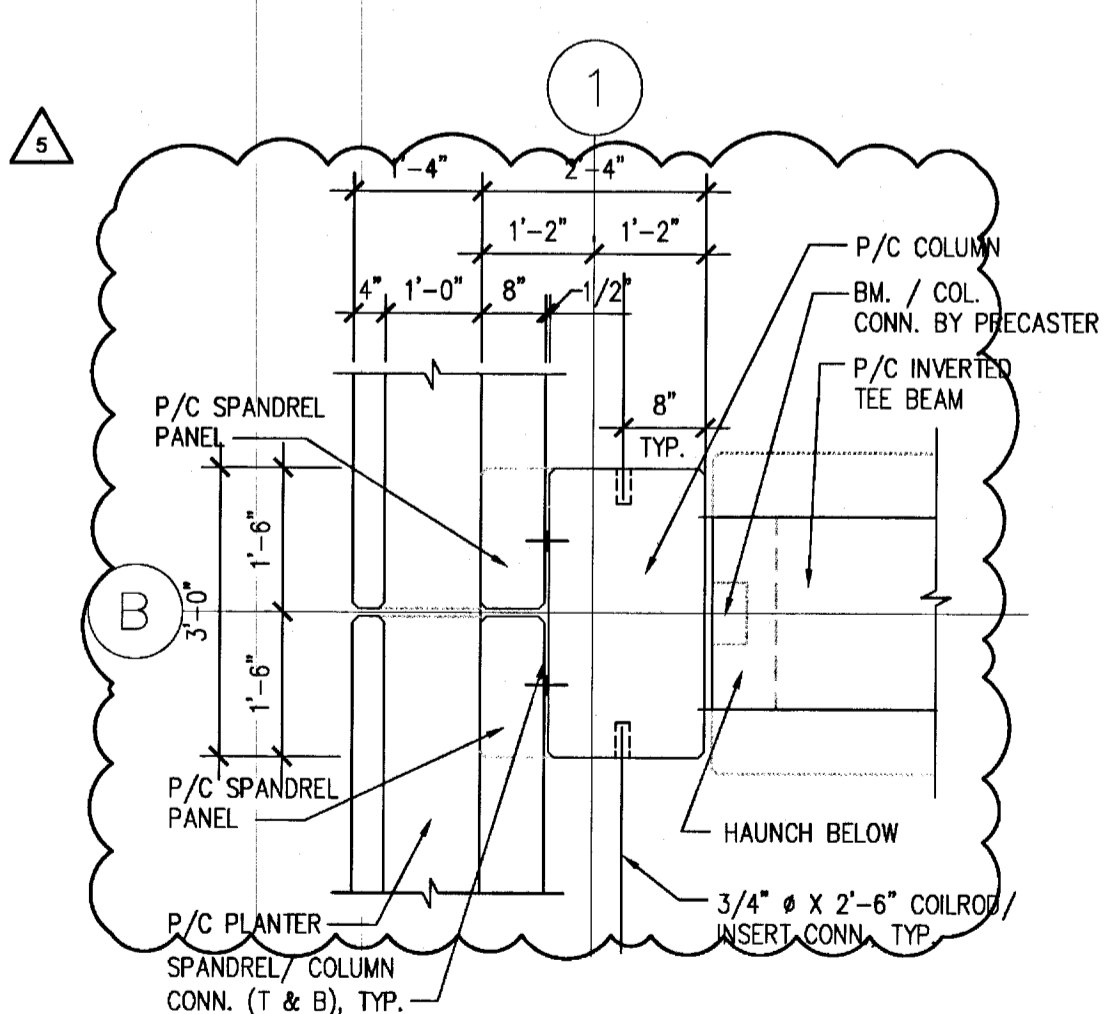
10 COLUMN DETAIL
S4.2 SCALE: N.T.S.



11 COLUMN DETAIL
S4.2 SCALE: N.T.S.



12 COLUMN DETAIL
S4.2 SCALE: N.T.S.



13 COLUMN DETAIL
S4.2 SCALE: N.T.S.

- COLUMN NOTES:**
- CN1. P/C COLUMNS (INCLUDING CONNECTIONS, HAUNCH DESIGN) SHALL BE BASED ON PERFORMANCE-TYPE DESIGN. THE COLUMNS SHALL BE DESIGNED IN ACCORDANCE TO THE REQUIREMENTS AND CRITERIA IN SPECIFICATION SECTION 03410 & DETAILS @ THIS SHEET
 - CN2. TYPICAL U.N.: F'C = 6000 PSI
 - CN3. ALL COL. TIES SHALL BE #4 @ 16" (MAX.) O.C., U.N.
 - CN4. PROVIDE (3) #4 ADDITIONAL COL. TIES @ 4" @ TOP & BOT. OF COLS.
 - CN5. SEE DRAWING XXX FOR COLUMNS WHICH BELONG TO ORDINARY MOMENT FRAMES. THESE COLUMNS SHALL BE DESIGNED FOR THE LOAD COMBINATIONS OF STRUCTURAL LOADS (INCLUDING LATERAL LOADS & GRAVITATIONAL LOADS)
 - CN6. SEE DETAIL X/S1.1 FOR COLUMN BASE DETAIL.
 - CN7. USE #4 X 2'-6" COIL RODS @ TYPICAL COIL ROD/INSERT CONN. TO P/C COLUMNS. COORDINATE AND BEND COIL RODS AS NEEDED @ F.D. LOCATIONS

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PRECAST COLUMN DETAILS

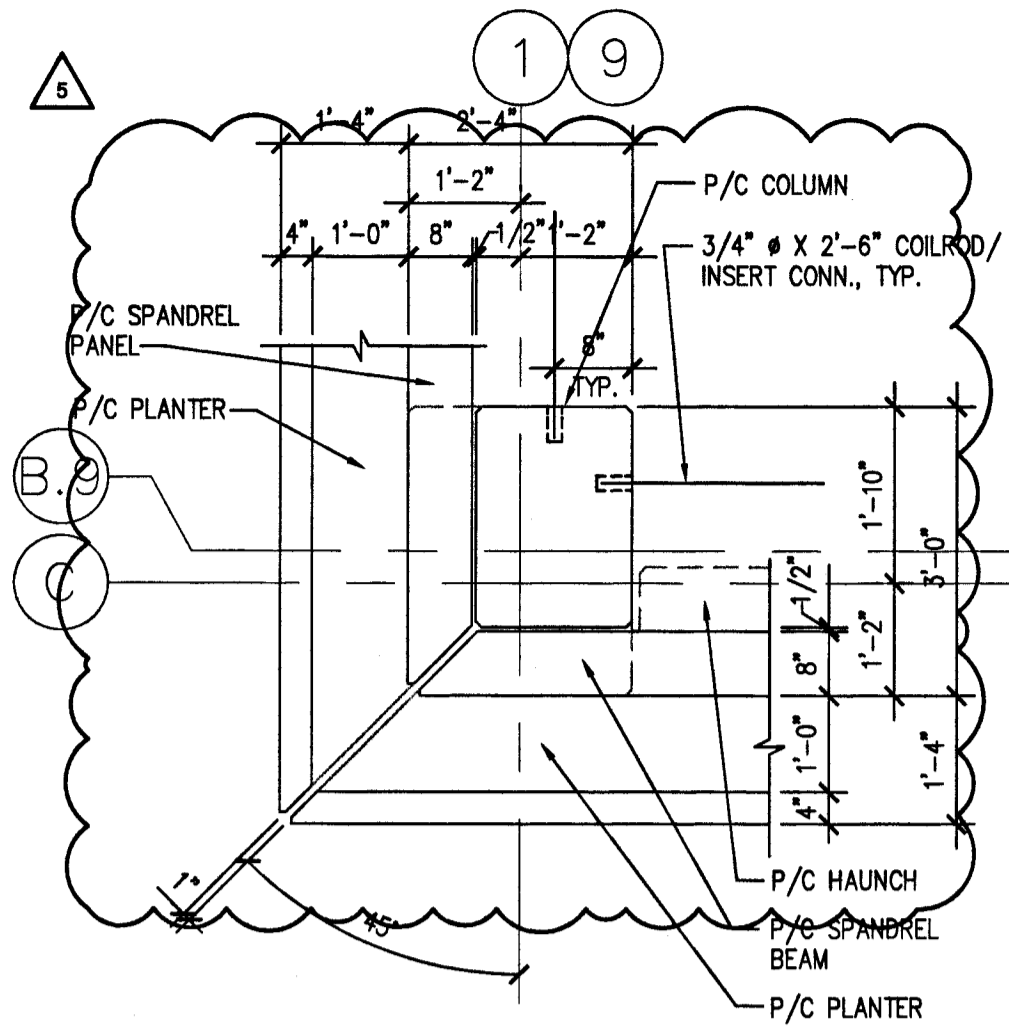
SCALE: AS SHOWN
DRAWN BY: DETAILS
PLOT DATE: PRECAST TEE/
ISSUED: 11/30/07
12/27/07
01/22/08
01/30/08
04/03/08

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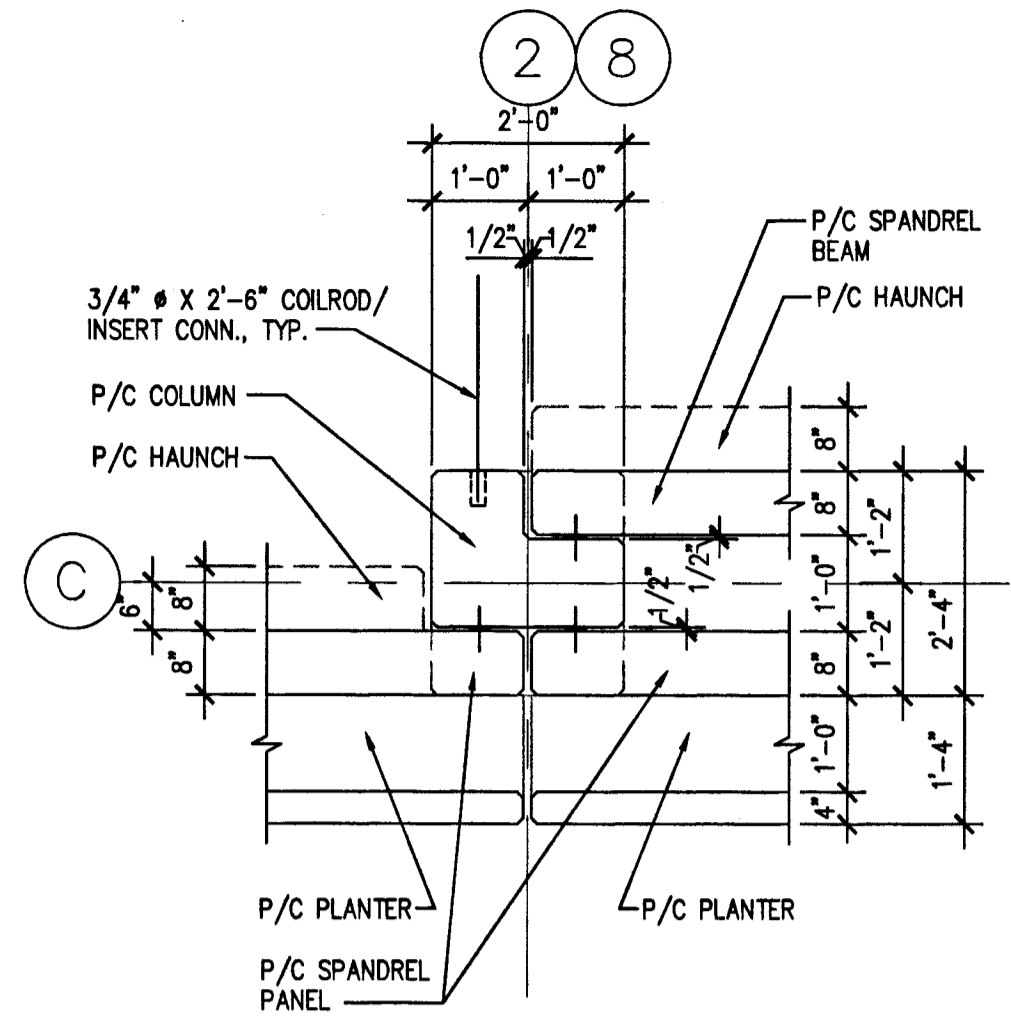
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S4.2

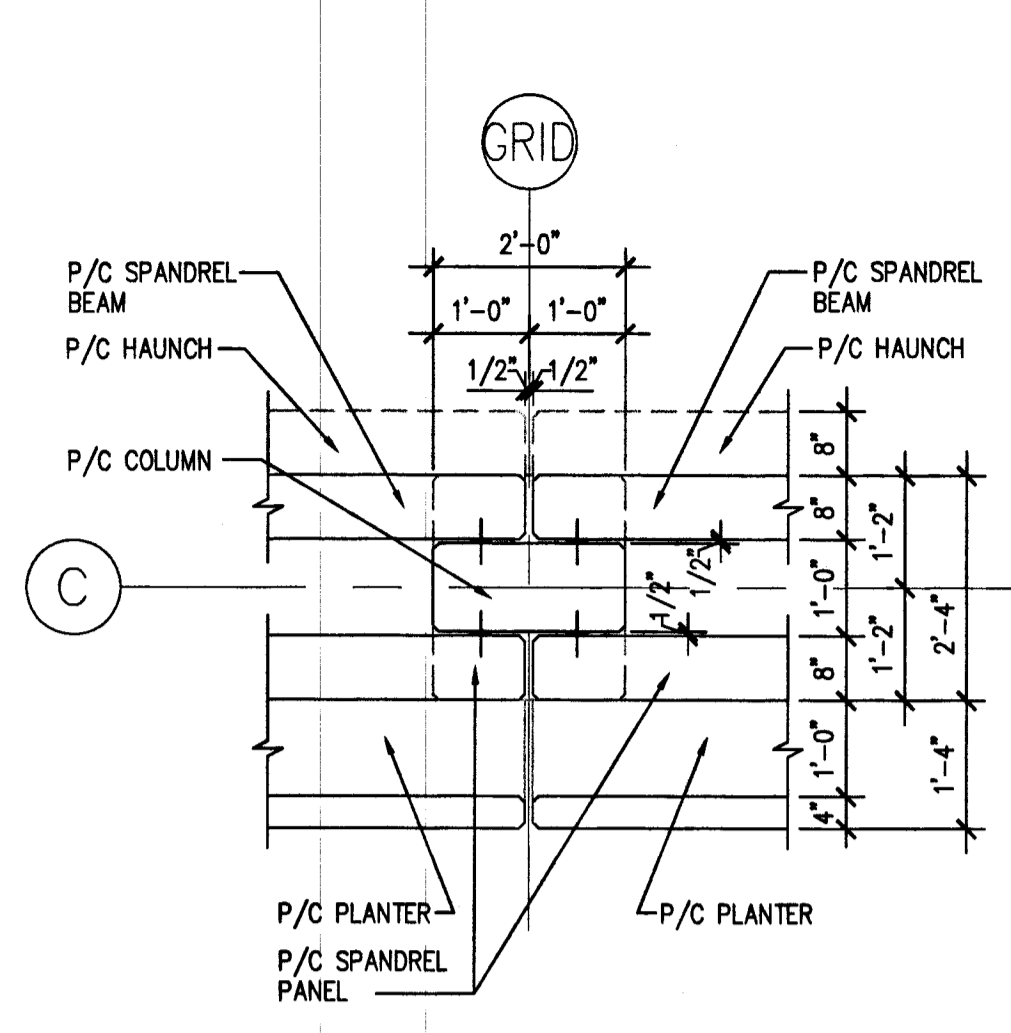
CONSTRUCTION & PERMIT SET



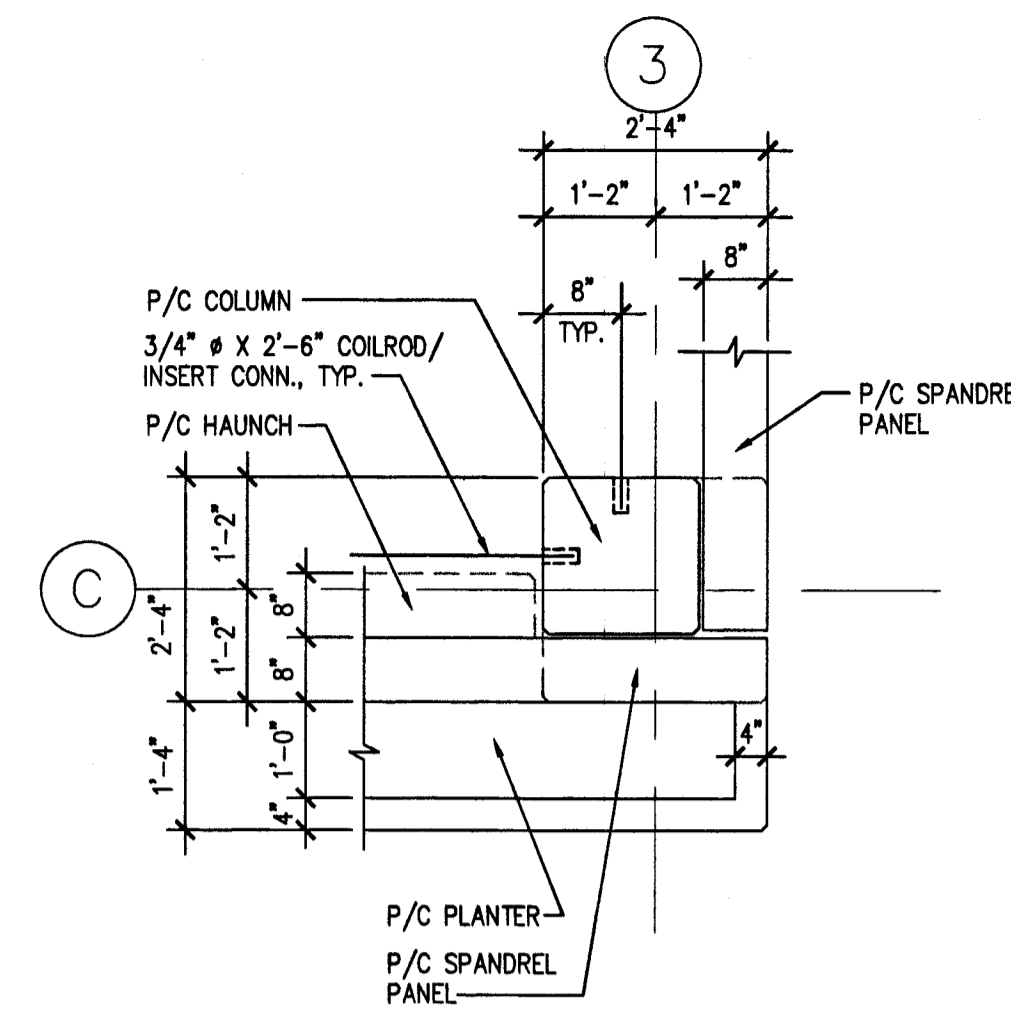
1 COLUMN DETAIL
S4.3 SCALE: N.T.S.



2 COLUMN DETAIL
S4.3 SCALE: N.T.S.



3 COLUMN DETAIL
S4.3 SCALE: N.T.S.



4 COLUMN DETAIL
S4.3 SCALE: N.T.S.

COLUMN NOTES:
CMT. SEE DRAWING S4.2 FOR COLUMN NOTES.

REVISED
S4.3 01/2011

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**PRECAST
COLUMN
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SCALE: AS SHOWN
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PLOT DATE: PRECAST TEE/
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12/27/07
01/22/08
01/30/08
04/03/08

S4.3
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**PRECAST
 DETAILS**

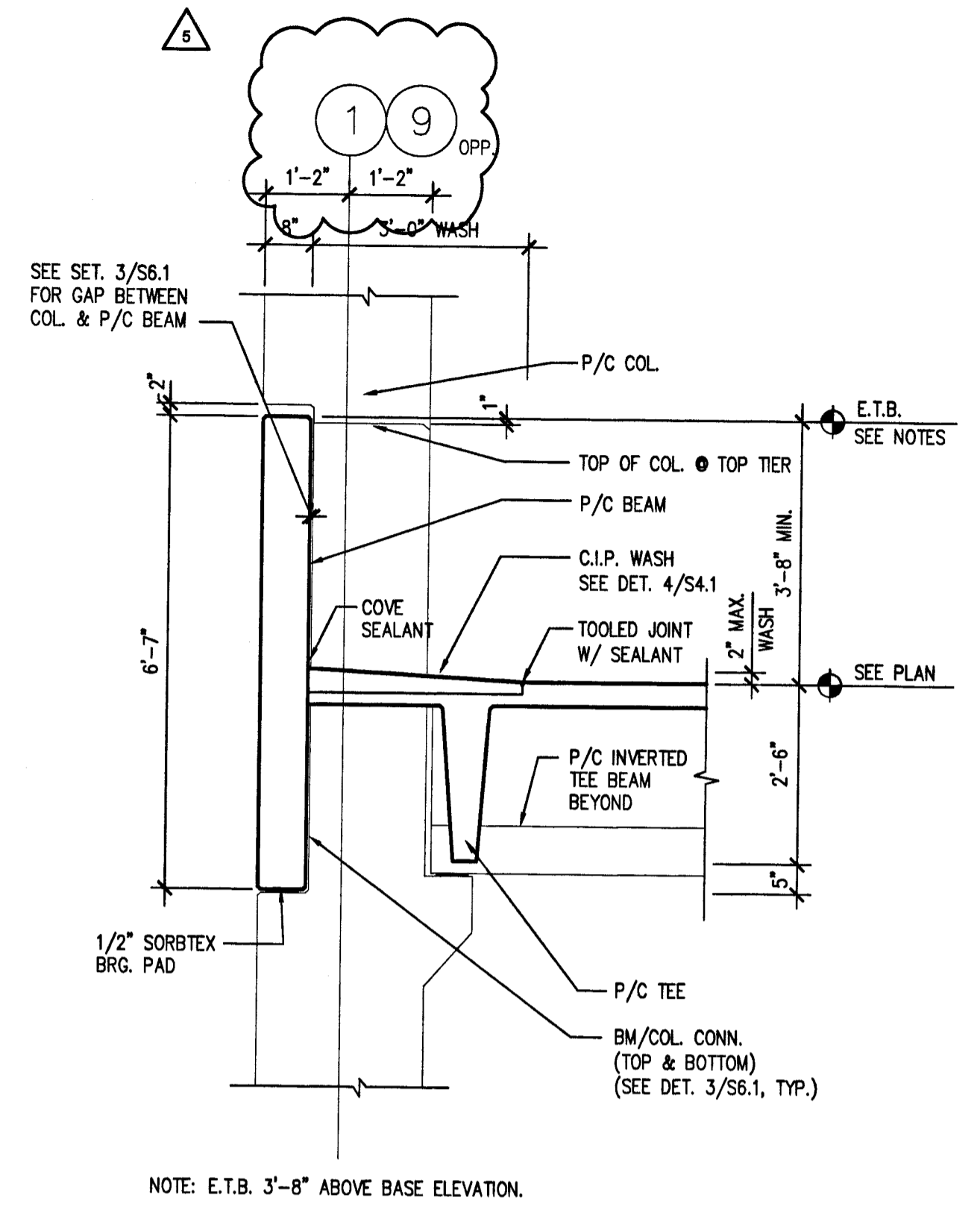
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 PLOT DATE: -
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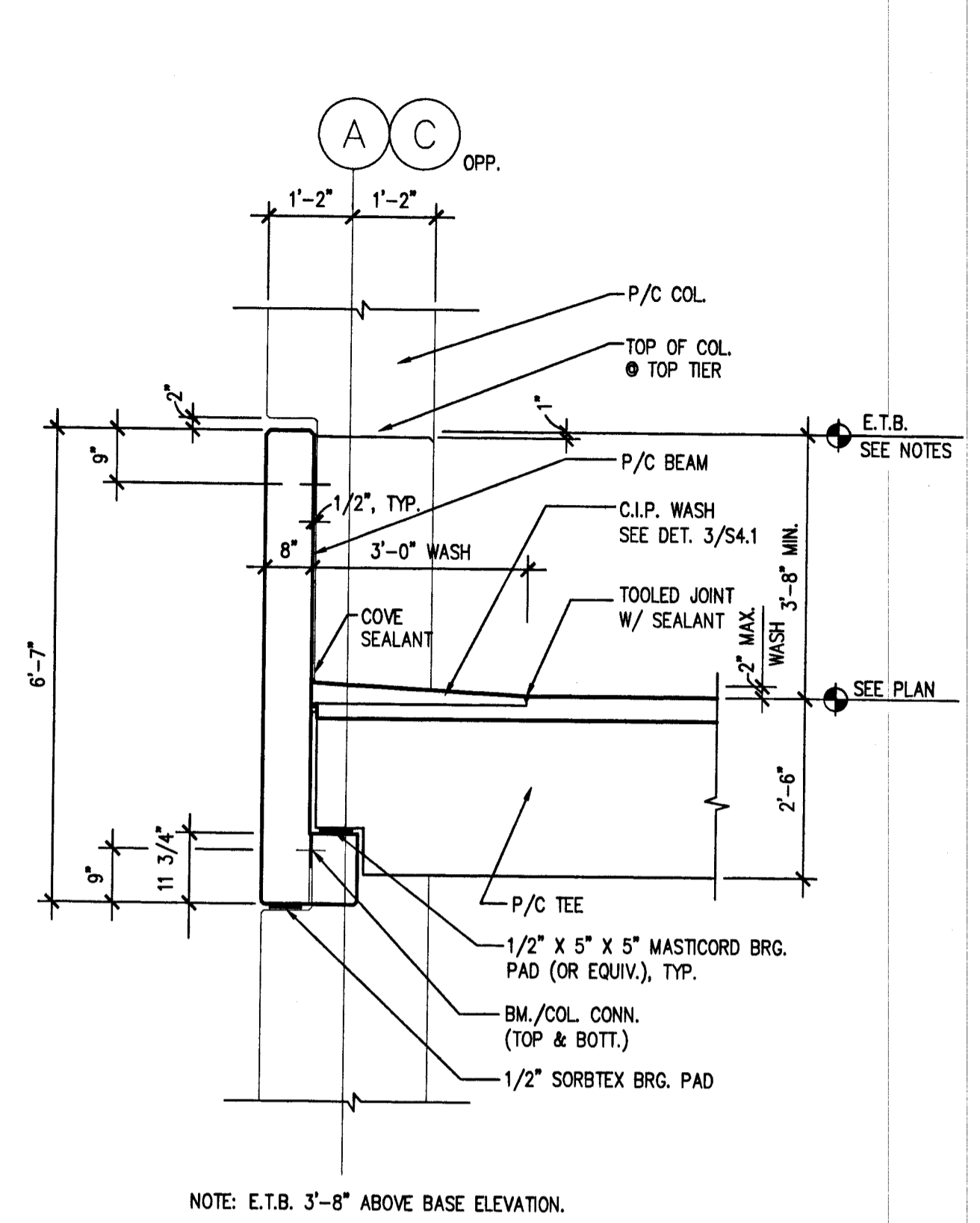
S5.1

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 PERMIT SET

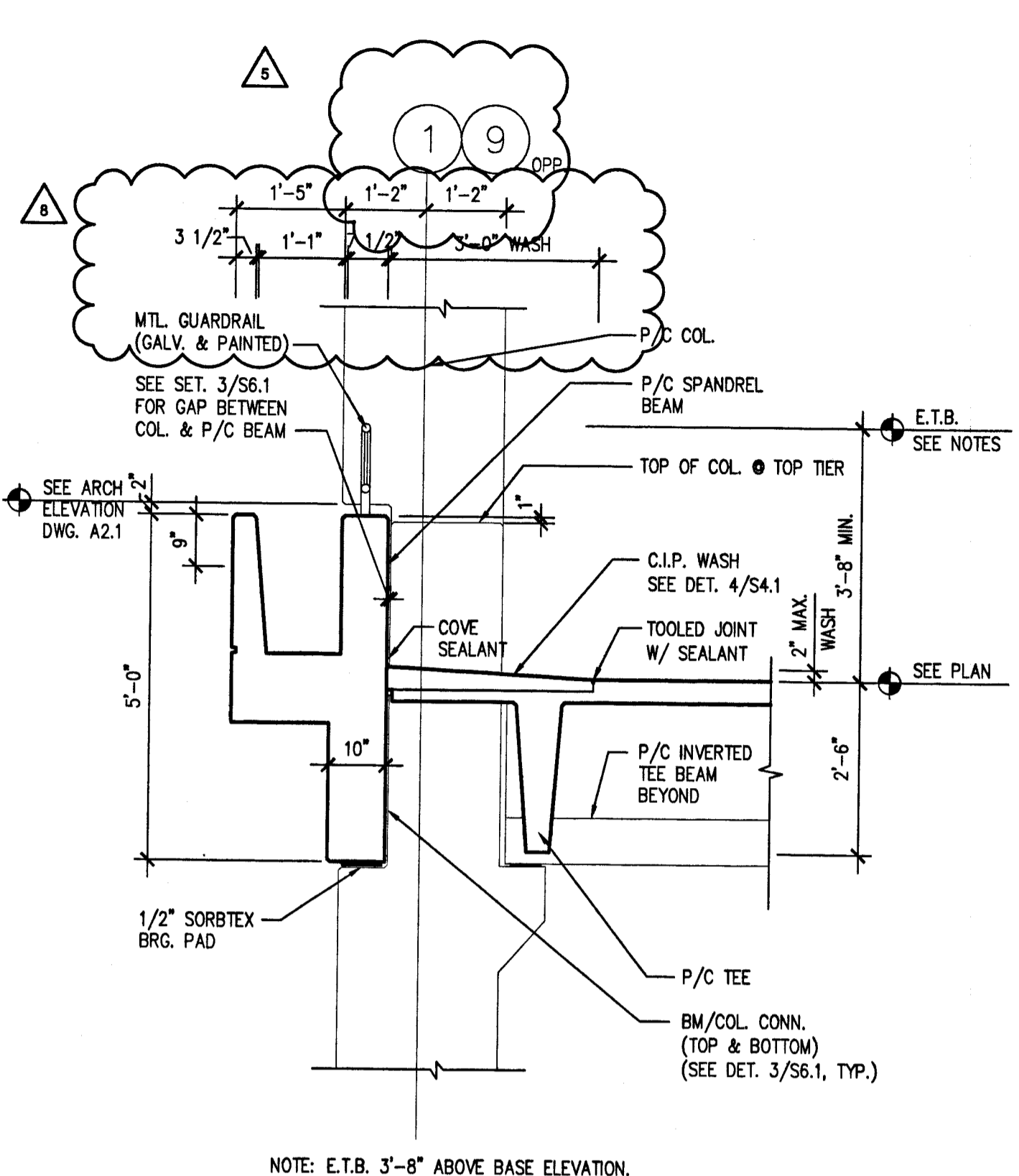
06/22/08



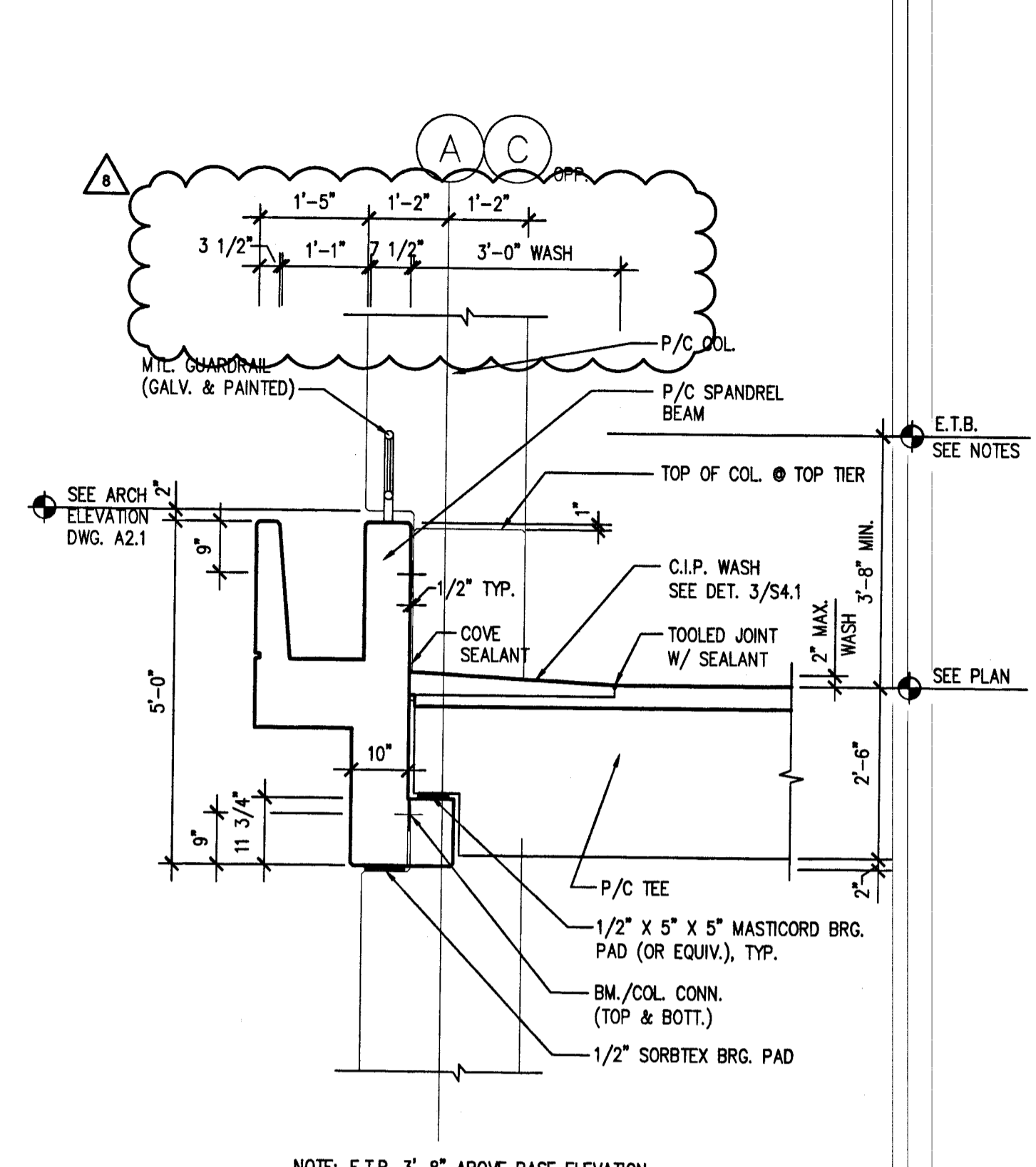
1
 S5.1
PRECAST SPANDREL PANEL DETAIL
 SCALE: 1/2" = 1'-0" (@ SECOND TIER)



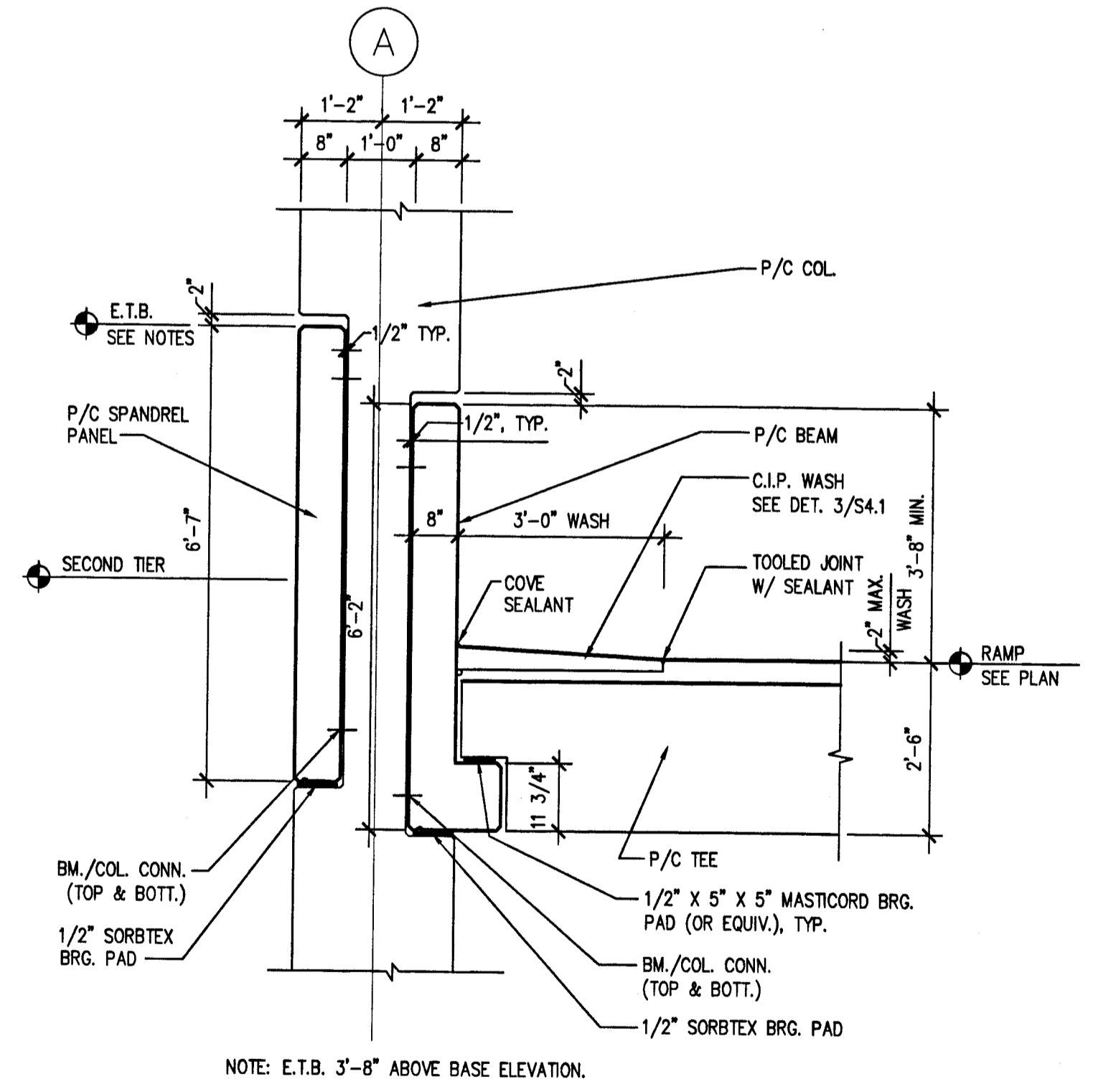
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 S5.1
PRECAST SPANDREL BEAM DETAIL
 SCALE: 1/2" = 1'-0" (@ SECOND TIER)



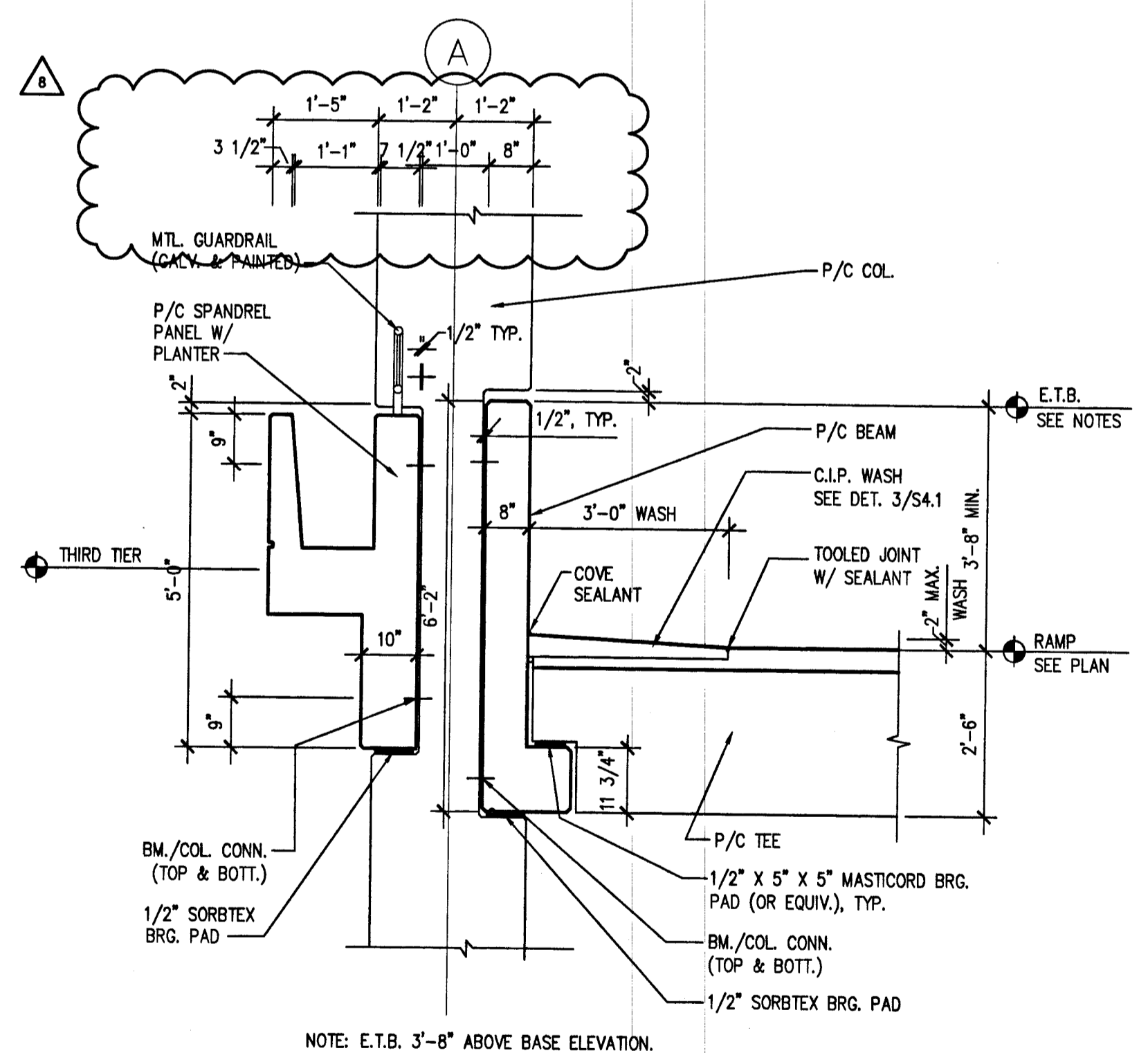
3
 S5.1
PRECAST SPANDREL PANEL DETAIL
 SCALE: 1/2" = 1'-0" (@ THIRD & TOP TIERS)



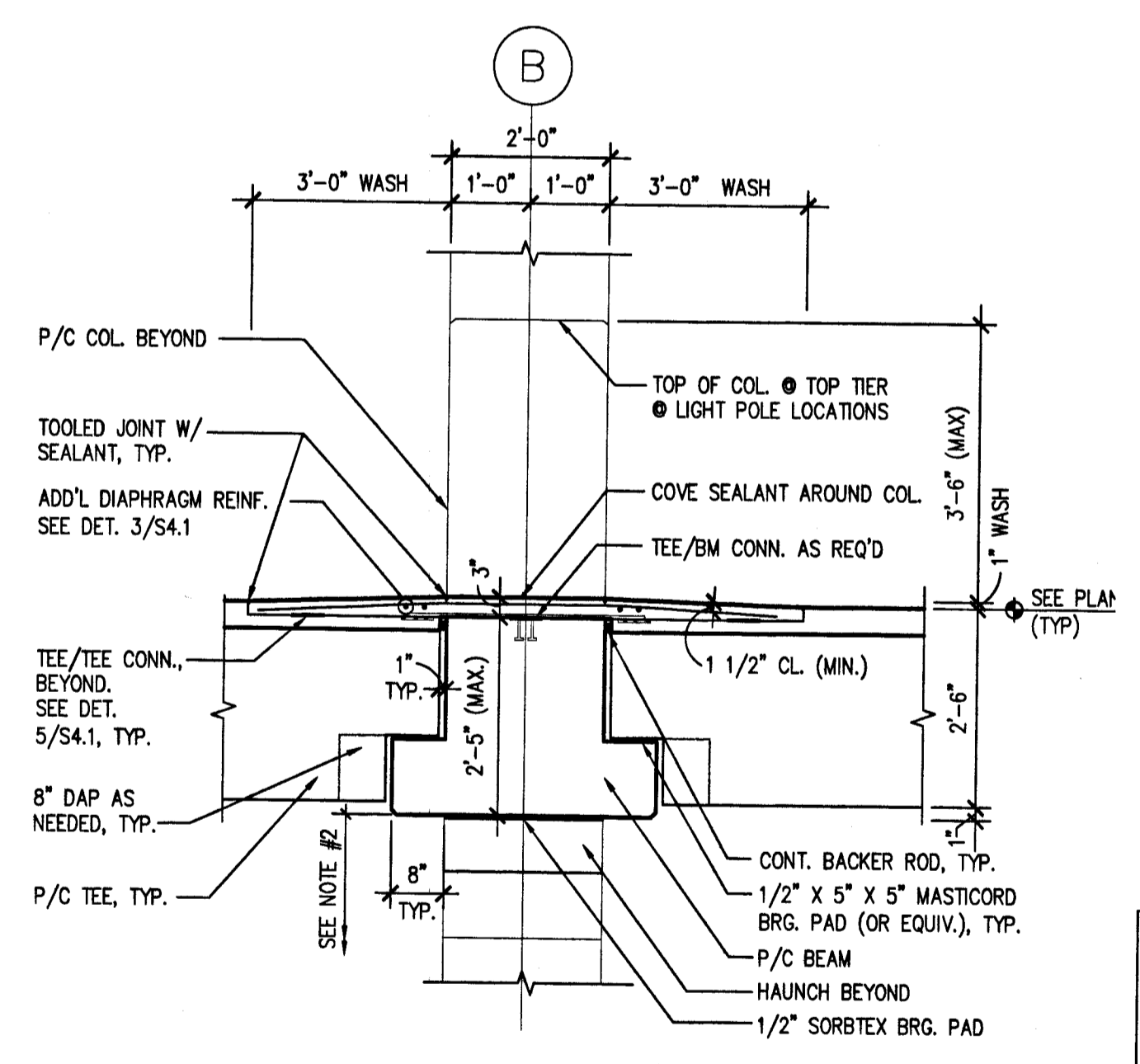
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 S5.1
PRECAST SPANDREL BEAM DETAIL
 SCALE: 1/2" = 1'-0" (@ THIRD & TOP TIERS)



5
 S5.1
PRECAST SPANDREL BEAM DETAIL @ RAMP
 SCALE: 1/2" = 1'-0" (@ SECOND TIER)

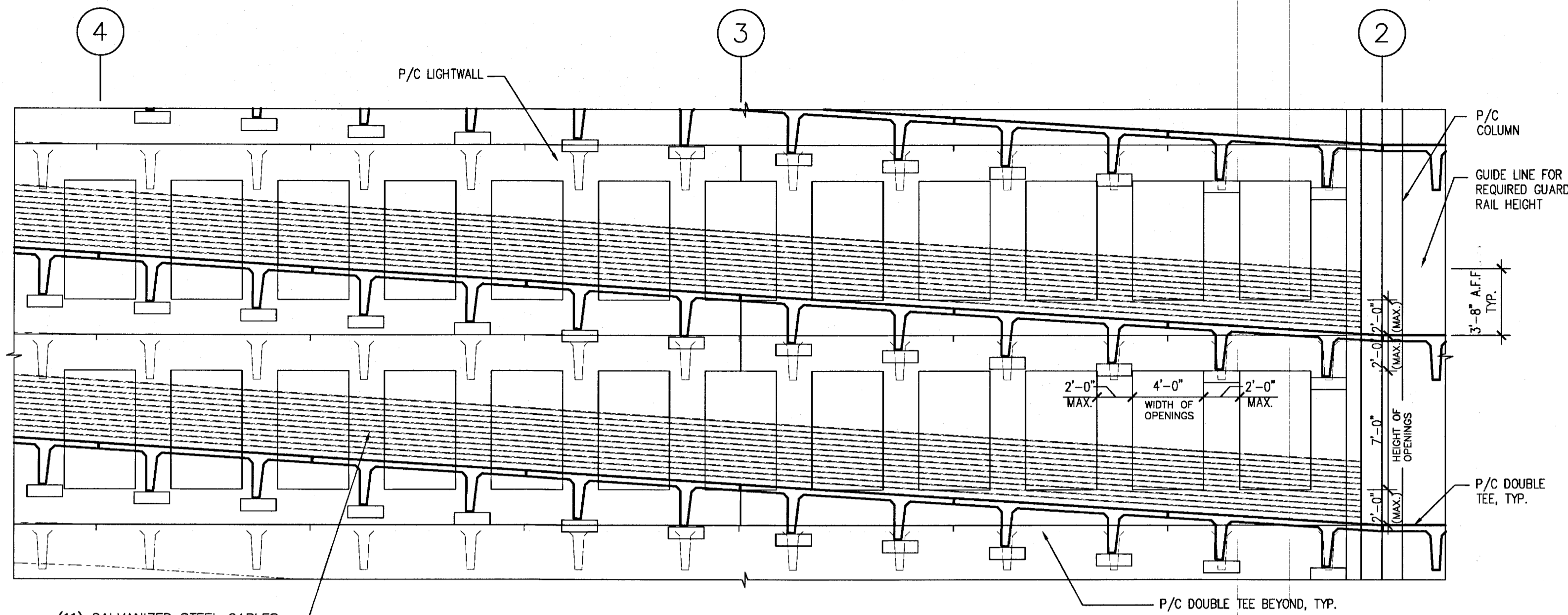


6
 S5.1
PRECAST SPANDREL BEAM DETAIL @ RAMP
 SCALE: 1/2" = 1'-0" (@ THIRD & TOP TIERS)



7
 S5.1
TEE/BY/BEAM/COLUMN DETAIL
 SCALE: N.T.S.

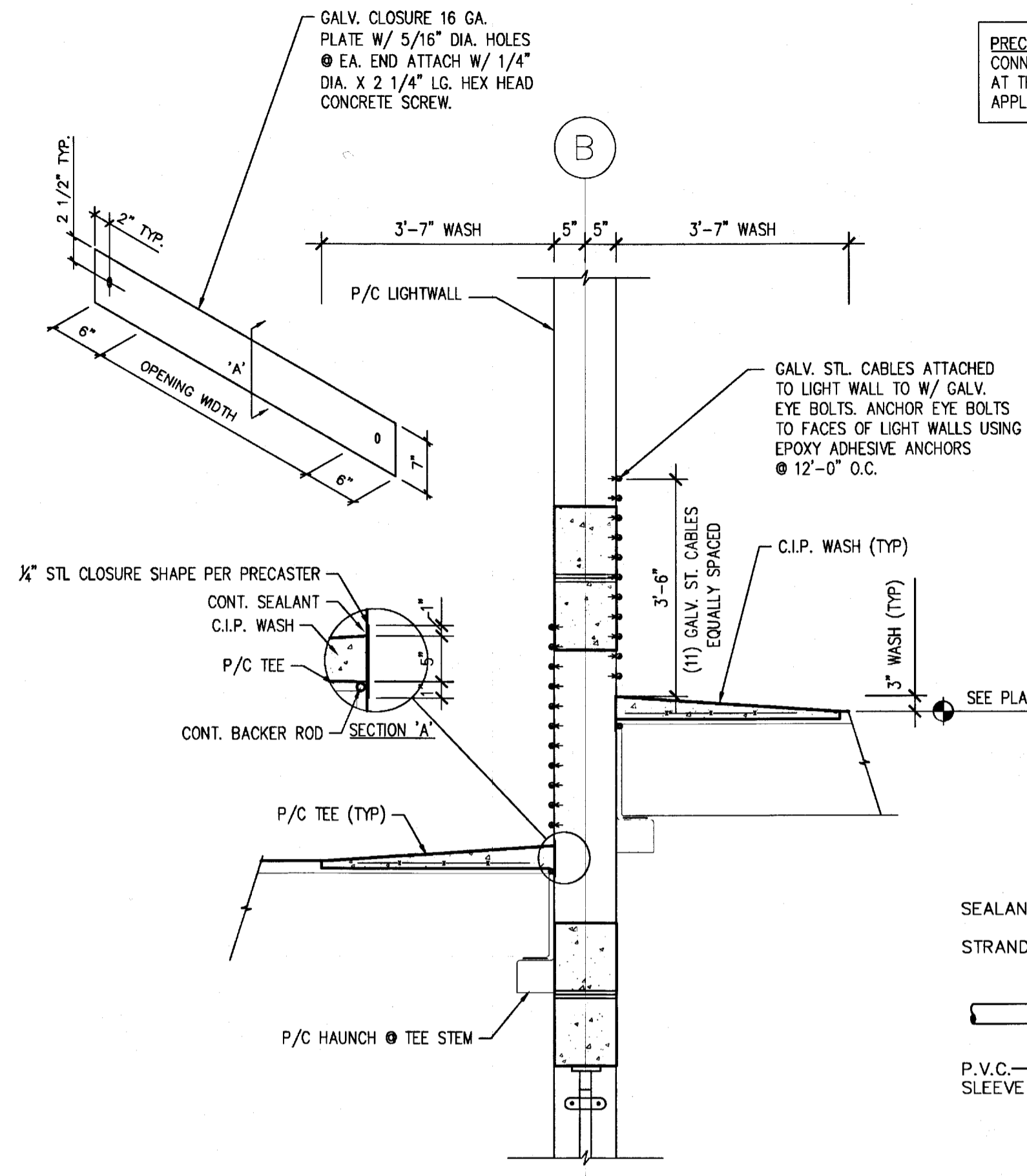
NOTE:
 ALL PLANTERS WILL HAVE A DRAINAGE
 SYSTEM WITHIN THEM. REFERENCE THE
 ARCHITECTURAL AND LANDSCAPE
 SHEETS FOR FURTHER DETAILS.



(1) GALVANIZED STEEL CABLES ATTACH TO LIGHTWALL W/ GALV. EYE BOLTS @ 12'-0" O.C.

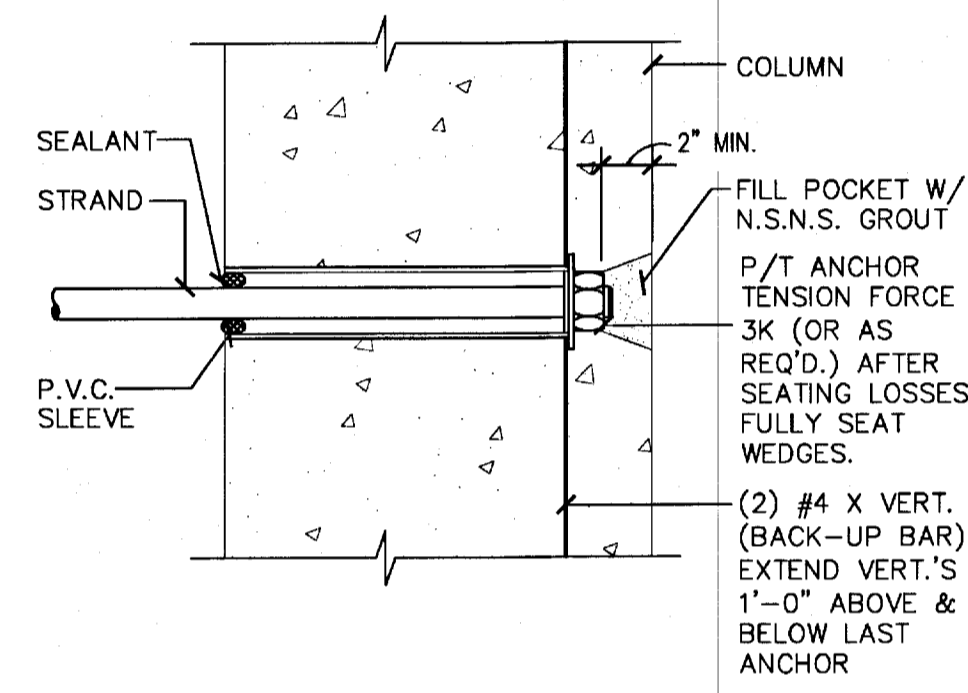
NOTE:
 1. THIS DETAIL IS FOR ILLUSTRATIVE PURPOSES ONLY. PRECASTER SHALL DETERMINE HEIGHT OF FENCING WHILE MAINTAINING REQUIRED GUARDRAIL HEIGHT.
 2. DIMENSIONS OF LIGHTWALL OPENINGS SHOWN ON THIS DETAIL ARE MINIMUM REQ'D. PRECASTER SHALL MAXIMIZE HEIGHT & WIDTH OF OPENINGS.

1 TYPICAL LIGHTWALL ELEVATION DETAIL
 S5.2 SCALE: N.T.S.

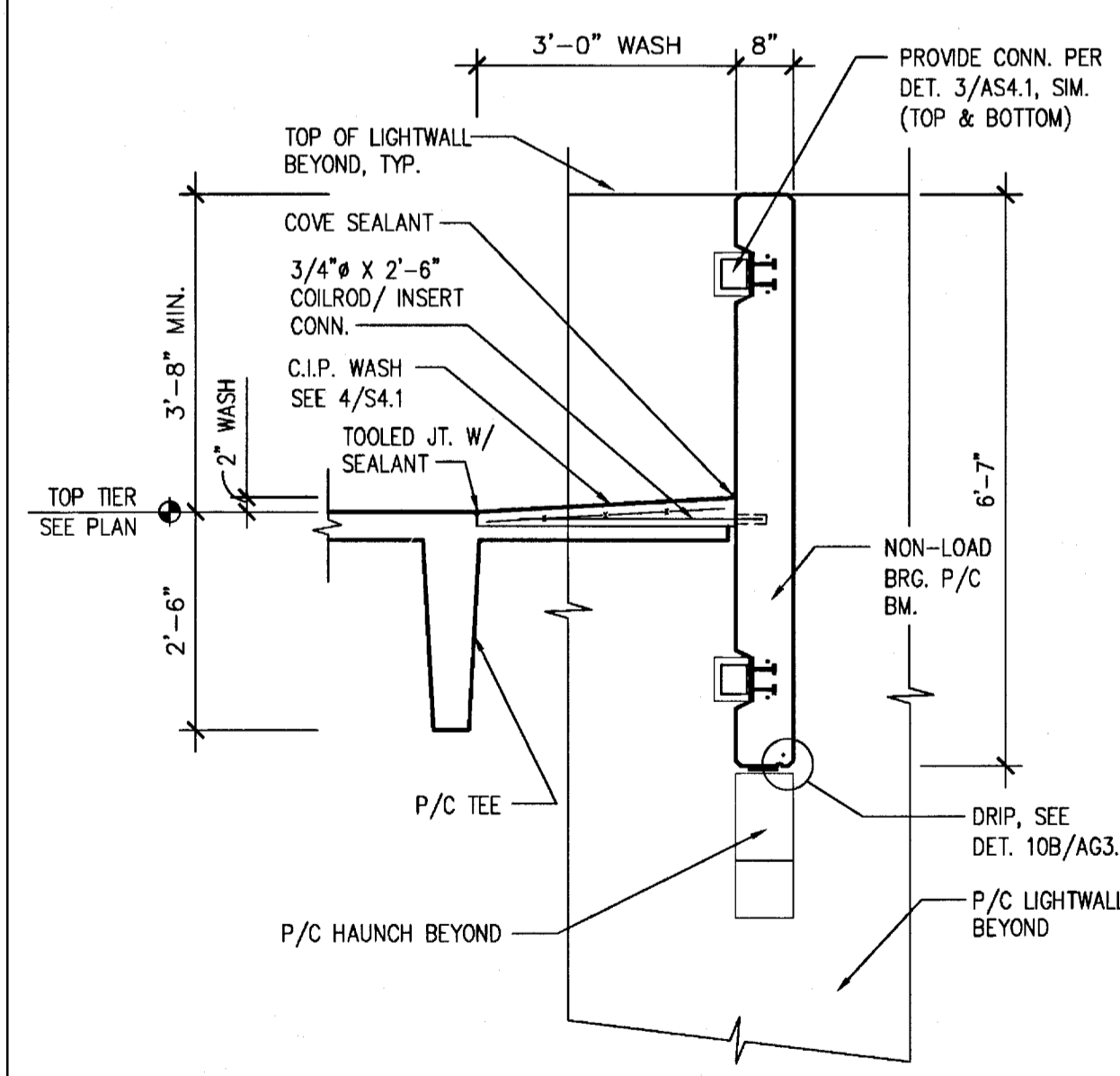


PRECASTER NOTE: MAKE PROVISIONS FOR BASE PL CONNECTORS FOR SOLAR PANEL FRAMING ASSEMBLIES AT THE TOP OF THE LIGHTWALLS & COLUMNS AS APPLICABLE.

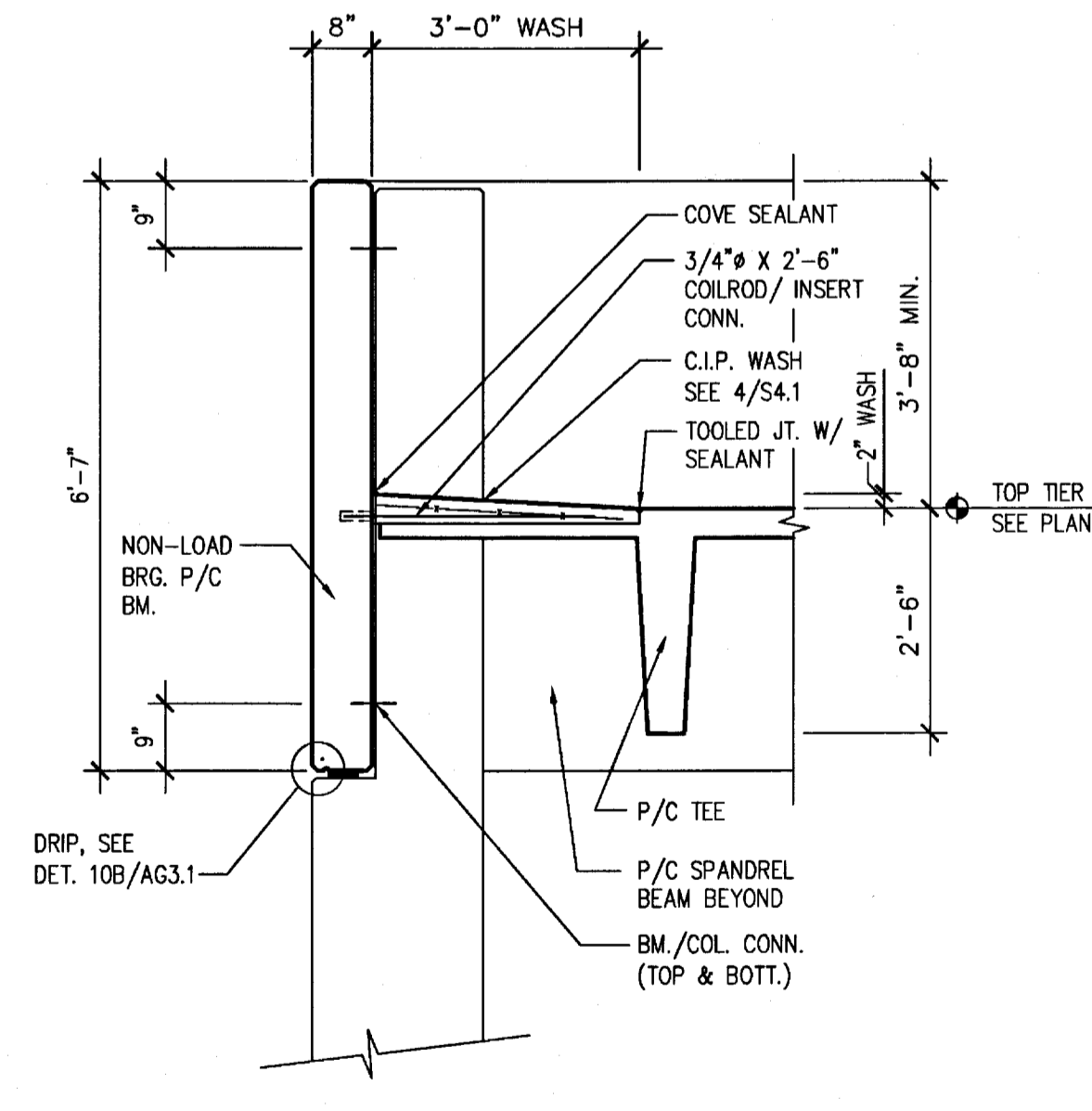
2 LIGHTWALL SECTION
 S5.2 SCALE: N.T.S.



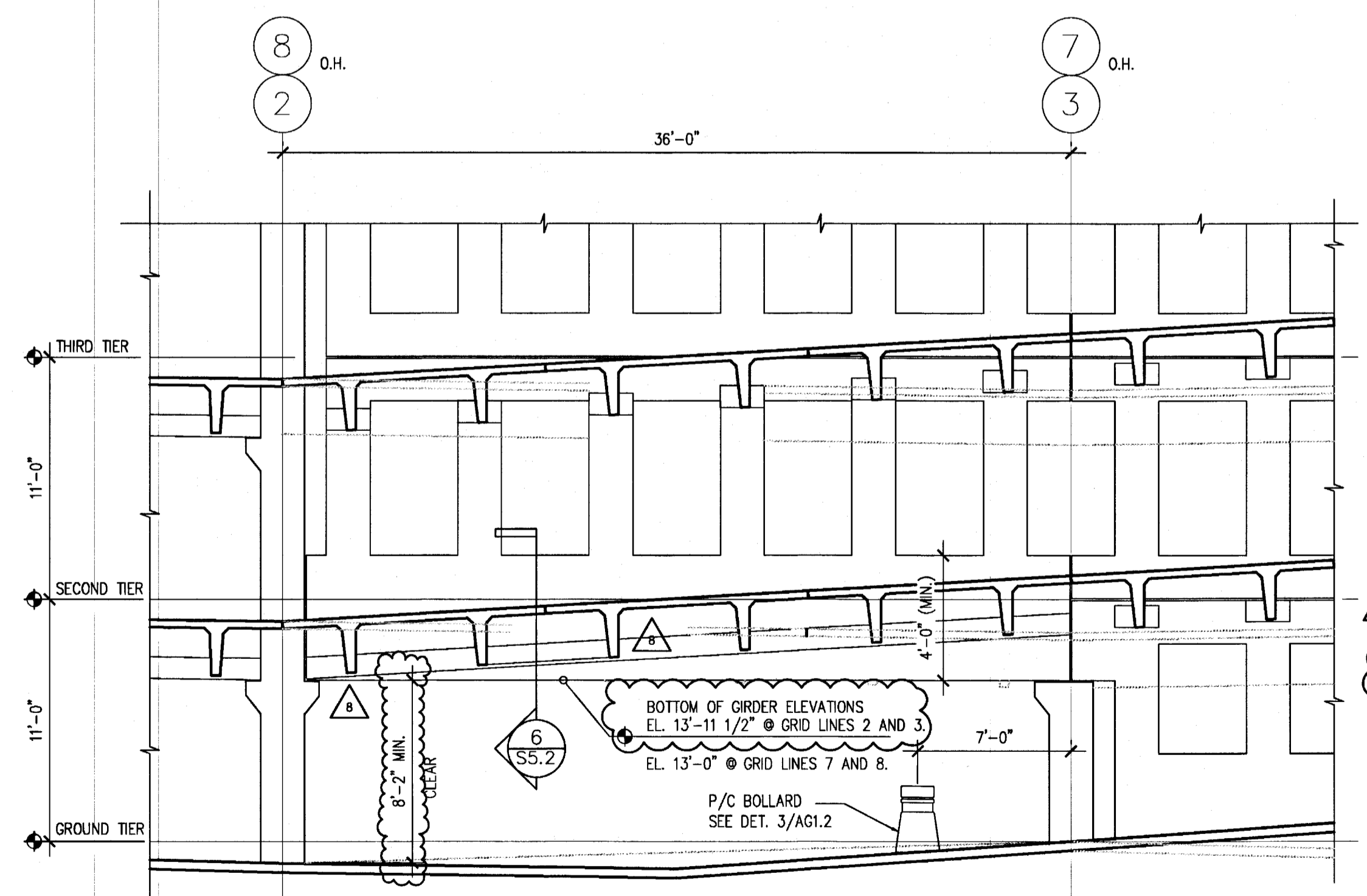
7 STRAND END ANCHOR DETAIL
 S5.2 SCALE: 1 1/2" = 1'-0"



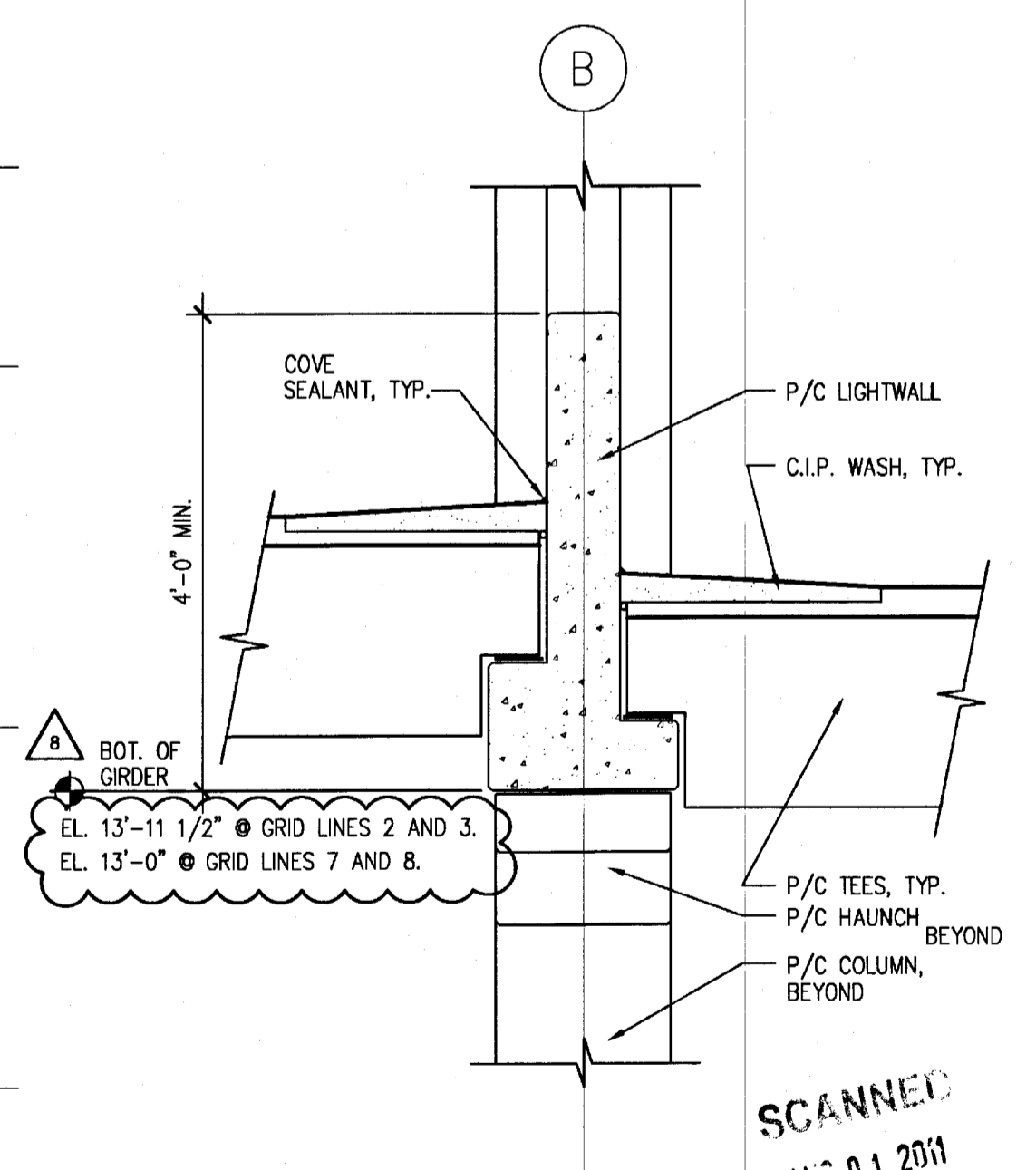
3 TEE/SPANDREL PANEL/LIGHTWALL DETAIL @ TOP TIER
 S5.2 SCALE: 1/2" = 1'-0"



4 TEE/SPANDREL PANEL/COLUMN DETAIL @ TOP TIER
 S5.2 SCALE: 1/2" = 1'-0"



5 LIGHTWALL ELEVATION
 S5.2 SCALE: 3/16" = 1'-0"



6 LIGHTWALL DETAIL
 S5.2 SCALE: 1/2" = 1'-0"

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 THA# MIA07116.00

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CONSTRUCTION		
REV CONST.		

REVISIONS		
NO.	DESC.	DATE
5	OWNER'S CHANGE	03 APRIL 2008
8	CONSTR/PERMIT	20 JUNE 2008

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NAPLES PUBLIC PARKING FACILITY
 6th Ave. So. & 8th St.
 Naples Florida
 3 4 1 0 2

PRECAST DETAILS	
SCALE:	AS SHOWN
DRAWN BY:	RBN
PLOT DATE:	-
ISSUED:	11/30/07
	12/27/07
	01/22/08
	01/30/08
	04/03/08

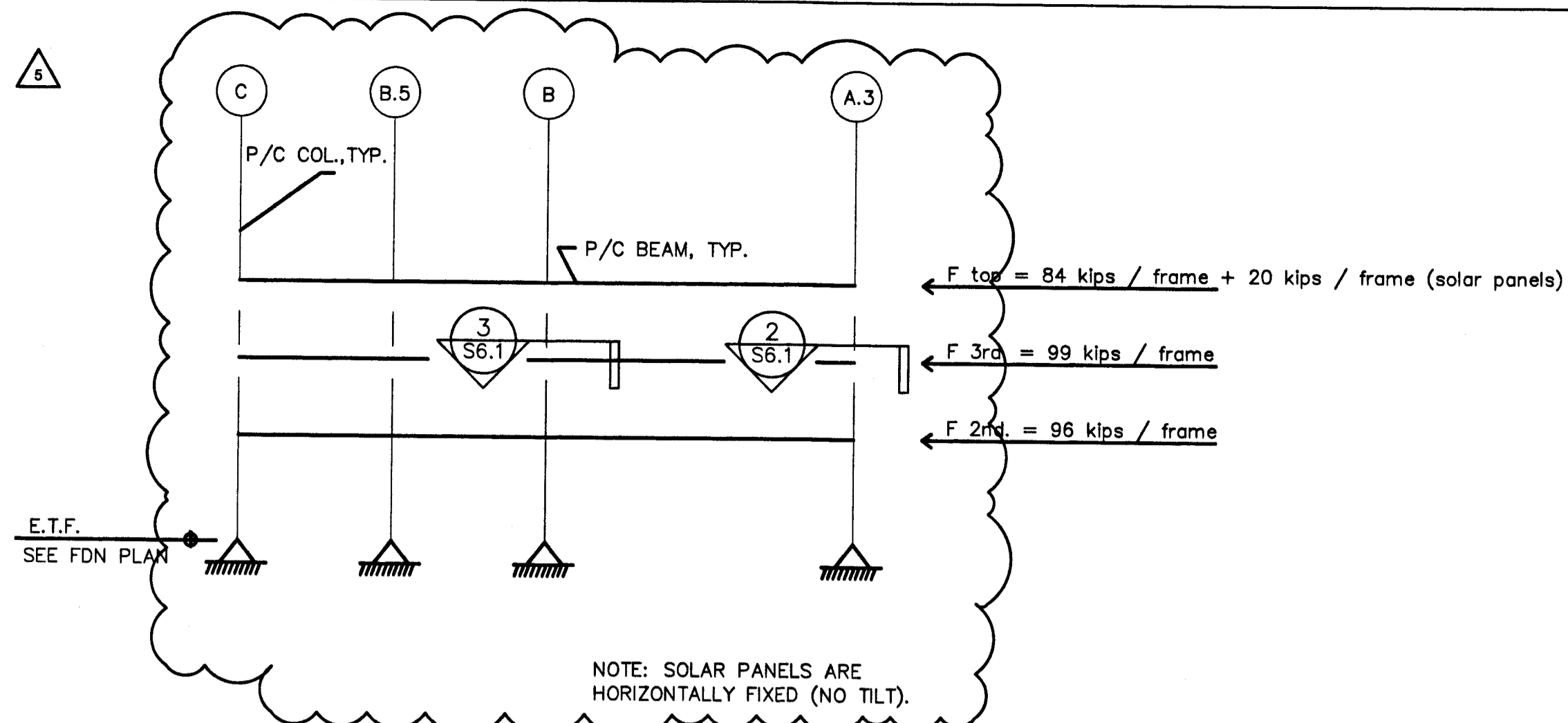
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Petronilo C. Alarcon
 PROFESSIONAL ENGINEER
 FL. LIC. 36740

Alarcon
 06/23/08

S5.2

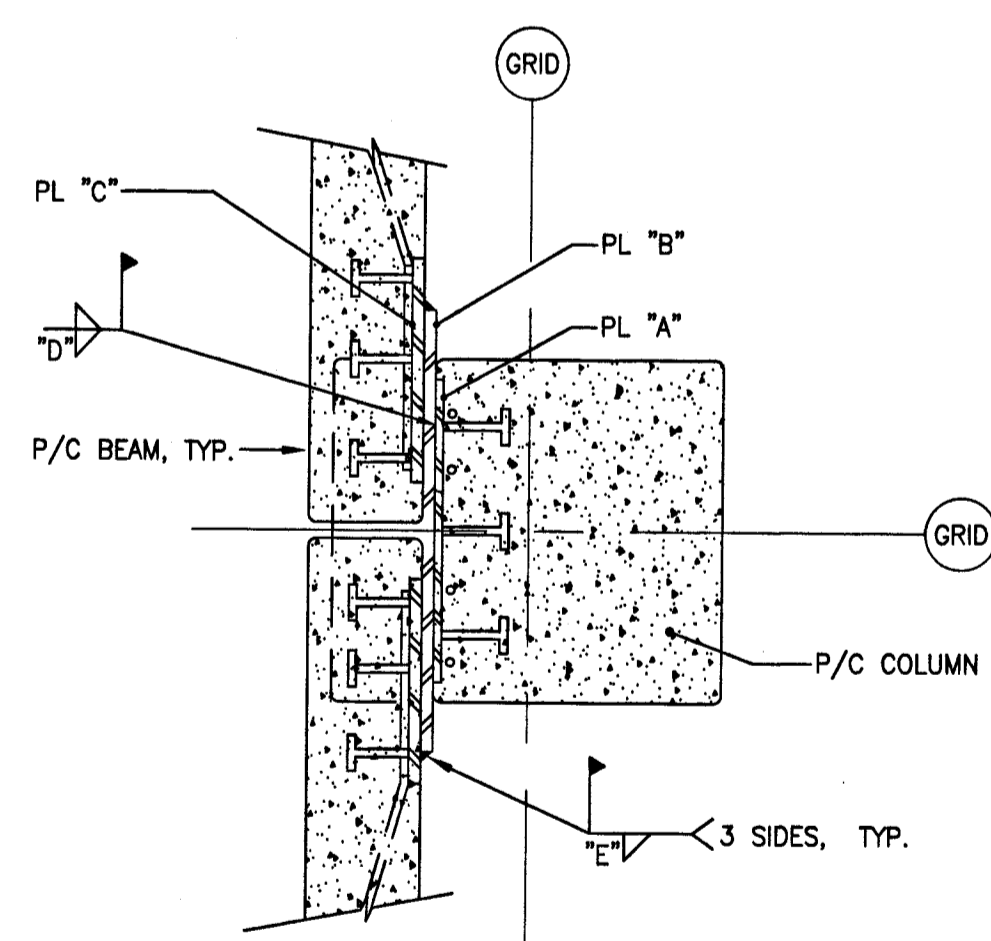
CONSTRUCTION & PERMIT SET



1 MOMENT RESISTING FRAME ALONG GRID 1 & 9
S6.1 SCALE: N.T.S.

LEVEL	F _x in East - West Direction
Top Tier	52 KIPS
3rd Tier	60 KIPS
2nd. Tier	58 KIPS

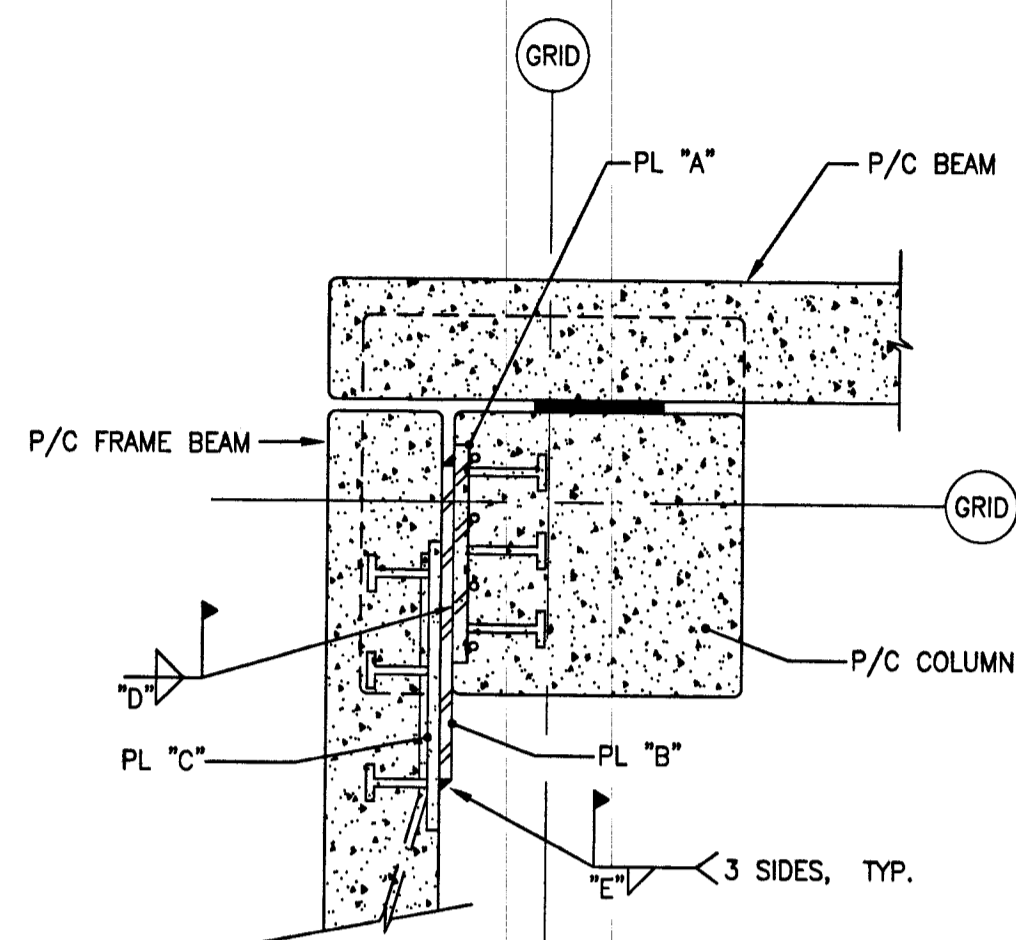
TOTAL DESIGN LATERAL FORCE
© LIGHTWALLS ALONG GRID B



- NOTES:**
- PERFORM THE WELDING 'D' PRIOR TO P/C BEAM INSTALLATION.
 - PROVIDE THE GAP WITH THE THICKNESS OF PL "B" PLUS 1/16 INCH BETWEEN COLUMN POCKET FACE AND BEAM FACE.
 - SEE DET. 4/S6.1 FOR SEALANT DETAIL ● EMBEDDED PLATES

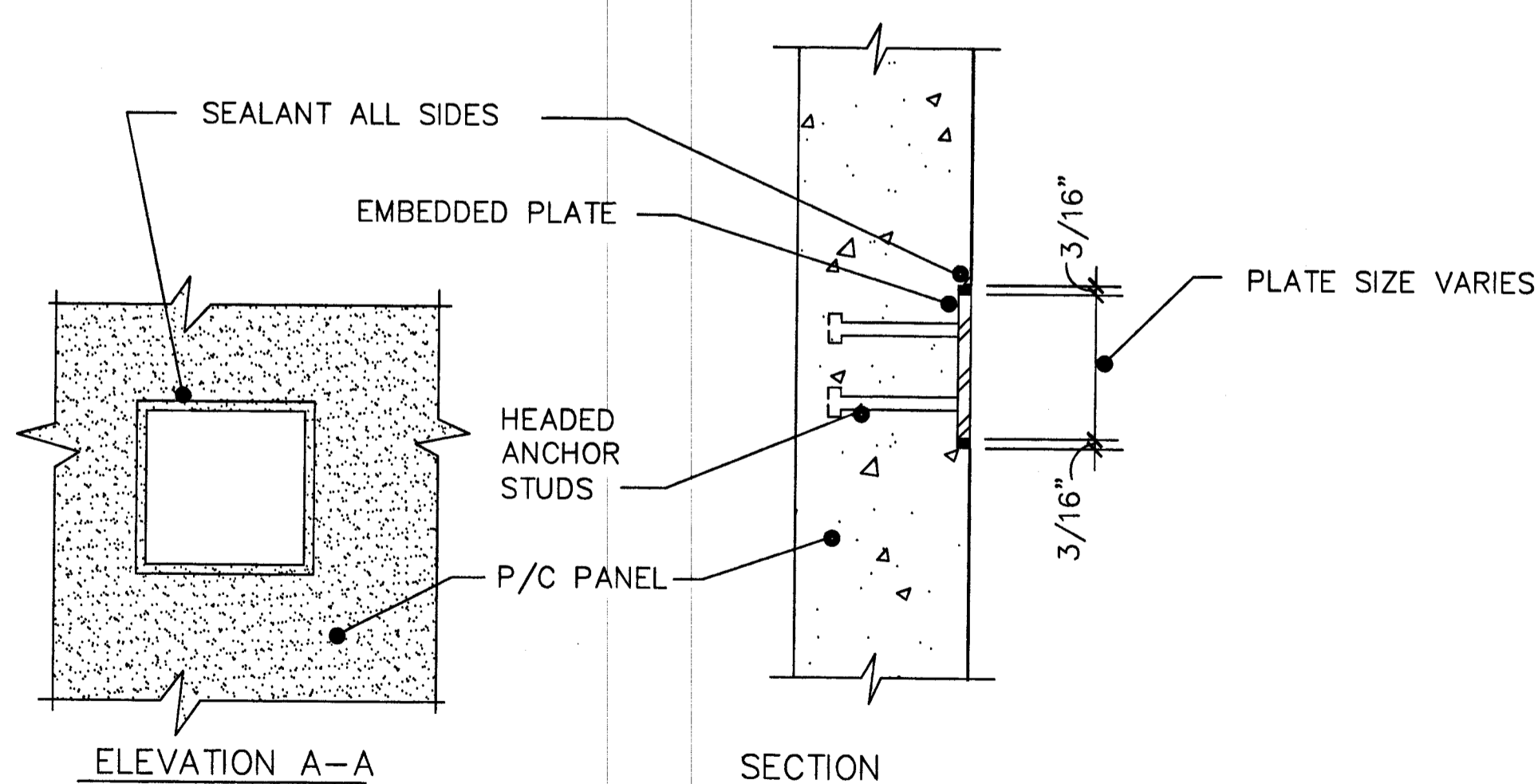
3 BEAM/COLUMN MOMENT CONNECTION DETAIL
S6.1 SCALE: N.T.S.

PRECASTER NOTE: MAKE PROVISIONS FOR BASE CONNECTORS FOR SOLAR PANEL FRAMING ASSEMBLIES AT THE TOP OF THE LIGHTWALLS & COLUMNS AS APPLICABLE.



- NOTES:**
- PERFORM THE WELDING 'D' PRIOR TO P/C FRAME BEAM INSTALLATION.
 - PROVIDE THE GAP WITH THE THICKNESS OF PL "B" PLUS 1/16 INCH BETWEEN COLUMN POCKET FACE AND BEAM FACE.
 - SEE DET. 4/S6.1 FOR SEALANT DETAIL ● EMBEDDED PLATES

2 BEAM/COLUMN MOMENT CONNECTION DETAIL
S6.1 SCALE: N.T.S.



4 EMBEDDED PLATE DETAIL
S6.1 SCALE: N.T.S.

LATERAL LOAD RESISTING SYSTEM NOTES:

- THE LATERAL LOAD RESISTING SYSTEM IN THE NORTH - SOUTH DIRECTION SHALL BE ORDINARY MOMENT FRAMES OF REINFORCED CONCRETE. THE LATERAL LOAD RESISTING SYSTEM IN THE EAST - WEST DIRECTION SHALL BE LOAD BEARING REINFORCED CONCRETE SHEAR WALLS. THE DESIGN OF LATERAL LOAD RESISTING SYSTEM SHALL BE PERFORMANCE TYPE DESIGN IN ACCORDANCE WITH THE CRITERIA OF SPECIFICATION SECTION 03 41 00 AND THE DESIGN FORCES SHOWN ON THIS SHEET. LATERAL LOAD RESISTING SYSTEMS SHALL BE DESIGNED TO SATISFY THE REQUIREMENTS OF ACI 318-05.
- F_x = DESIGN LATERAL FORCE @ LEVEL X. (SERVICE LOADS, REVERSIBLE LOADS) THESE FORCES ARE LATERAL FORCES DUE TO THE EFFECTS OF WIND PRESSURE. WIND LOADS PER ASCE 7-02.
- LATERAL LOAD RESISTING SYSTEM SHALL BE DESIGNED FOR THE COMBINATIONS OF STRUCTURAL LOADS INCLUDING DEAD LOADS, FLOOR LIVE LOADS, WIND LOADS, AND VOLUME CHANGE EFFECTS.
- THE DEGREE OF COLUMN BASE FIXITY CAN BE MODIFIED FOR THE ACTUAL COLUMN BASE DETAIL. THE EFFECTIVE MEMBER LENGTHS BETWEEN CONNECTIONS AND CONNECTION DETAIL CAN BE IDEALIZED TO REPRESENT THE BETTER ESTIMATE OF REAL CONDITION.
- IF THE MOMENT CONNECTION WILL BE MADE AFTER MOST OF DEAD LOADS HAVE BEEN APPLIED, THIS REQUIRES SPECIAL DETAILING, SPECIFICATION OF CONSTRUCTION PROCESS AND INSPECTION.
- THE TYPICAL CONCRETE STRENGTHS (f'_c) CAN BE MODIFIED AS HIGHER STRENGTHS IF REQUIRED. THE PRECASTER SHALL SUBMIT THE CALCULATIONS AND CONCRETE MIX DESIGNS FOR ENGINEER'S APPROVAL PRIOR TO P/C CONSTRUCTION.

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Naples Florida
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**MOMENT
FRAME
& DETAILS**

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ISSUED: 11/30/07
12/27/07
01/22/08
01/30/08
04/03/08

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S6.1

CONSTRUCTION &
PERMIT SET

06/23/08